

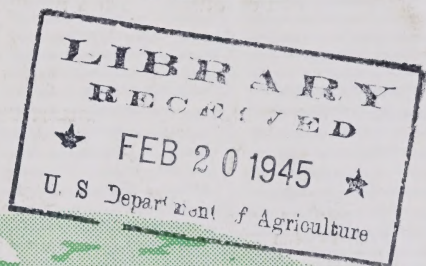
Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

Field, Garden & Flower

SEEDS

1945



DINGEL & SMITH
SEED COMPANY

Twin Falls, Idaho

INTRODUCTION

It is with great pleasure we present our many friends and customers with our thirteenth annual seed catalog.

We appreciate your many orders of the past seasons and we are looking forward, with pleasure, to supplying your requirements in seeds again this season and we are sure that our relations will be most pleasant.

All of our seeds are tested for purity and germination, assuring you of the highest quality seeds obtainable.

You will be doing us a great favor by mailing your orders early, as we receive a great number of orders each day during the planting season. You may be assured of our prompt and careful attention in filling your order.

Sincerely,

DINGEL AND SMITH SEED COMPANY.

GUARANTY

Dingel & Smith Seed Company gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

DINGEL & SMITH SEED COMPANY.

NOTICE TO CUSTOMERS

Read Carefully

How to Make Out Your Order and Parcel Post Instructions

Before sending your order read Parcel Post Instructions carefully. All Garden and Flower seeds are priced postage paid.

Fill out your order sheet enclosed herewith, writing or printing your name and address very plainly, and use return envelope.

Remittance may be made by Postoffice or Express Money Order, Draft, Stamps or Currency. We prefer that you do not send stamps for amounts over 50c. Be sure to register you letters if they contain cash. Money Orders are the safest and most economical way of remitting, whenever possible, as banks charge for collecting personal checks.

We can ship up to 70 lbs. in one package and as many packages of 70 lbs. or less as required to complete your order.

NOTE—When goods are priced f.o.b. Twin Falls, you pay all Postage, Freight, Express or Truck Charges.

PARCEL POST INSTRUCTIONS

Covering Goods Priced F. O. B. Twin Falls

When ordering goods priced f. o. b. Twin Falls you pay all transportation charges. In many cases you can save time and money by having your orders come by mail. When ordering goods priced f. o. b. Twin Falls, by mail add postage to your order as follows:

1st Zone— 8c for first pound, 1.1c per pound for each additional pound.

2nd Zone— 8c for first pound, 1.1c per pound for each additional pound.

3rd Zone— 9c for first pound, 2.0c per pound for each additional pound.

4th Zone—10c for first pound, 3.5c per pound for each additional pound.

5th Zone—11c for first pound, 5.3c per pound for each additional pound.

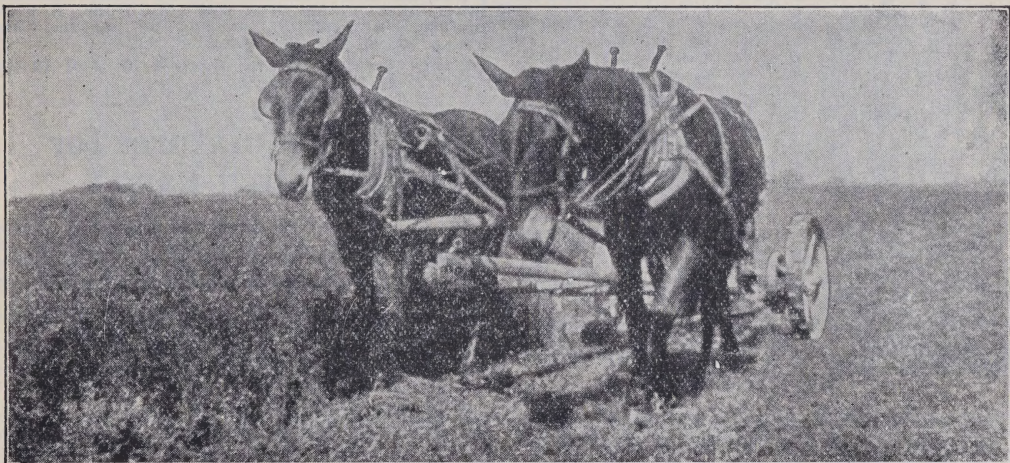
Where a fraction of a cent appears in the total amount of postage, it will be computed as a full cent.

FIELD SEEDS, GRASSES, GRAINS



We are unable to quote prices on Alfalfas, Clovers, Grass Seeds and Grains covering the season owing to fluctuations of prices and we ask you to write us for quantity prices, or send us your order and we will give you the very best price consistent with quality. We have no control over

market changes, reserve the right to fill all orders at market values, on date order is received, unless instructed otherwise. All quantity prices are F.O.B. Twin Falls, unless otherwise instructed.



Field of Idaho Alfalfa

Alfalfa

COSSACK ALFALFA is one of the hardiest and best drouth and frost resisting alfalfas. Is a heavy producer of good quality hay.

State Certified Blue Tag Cossack Alfalfa. Write for prices.

Other grades of Cossack Alfalfa. Write for prices and samples.

GRIMM ALFALFA is distinguished from common alfalfa by its branching root system and is particularly adapted to sections where the soil has a tendency to freeze and heave.

State Certified Blue Tag Grimm Alfalfa. Write for prices.

Other grades of Grimm Alfalfa. Write for prices and samples.

COMMON ALFALFA. Common alfalfa needs no introduction. The seed of this section is produced at a high elevation and is as hardy as can be obtained from any source. It will show the best results wherever sown.

Fancy Common Alfalfa. Write for prices and samples.

Other grades of Common Alfalfa and Alfalfa mixtures. Write for prices and samples.

Clovers

MEDIUM RED or JUNE CLOVER is the standard strain of clover grown in all sections for hay and pasture purposes.

Fancy Medium Red or June Clover. Write for prices and samples.

Other grades of medium Red or June Clover

and mixtures suitable for hay or pasture. Write for prices and samples.

ALSIKE or SWEDISH CLOVER will do better on moist land than most other varieties of clover and is suitable for either hay or pasture.

Fancy Alsike Clover. Write for prices and samples.

Other grades of Alsike Clover and mixtures suitable for hay or pasture. Write for prices and samples.

WHITE DUTCH CLOVER, a low close growing strain of clover used extensively for seeding lawns and to some extent for pasture purposes in mixtures.

Fancy White Dutch Clover—1 lb. \$1.30; 5 lbs. \$6.25; F. O. B. Twin Falls.

LADINO CLOVER is an extra good pasture clover for irrigated land or where plenty of water is available. Sow 5 to 6 pounds per acre.

FANCY LADINO CLOVER. Write for prices.

STRAWBERRY CLOVER is very popular for pasture use on alkali and wet soils. It's growing habits are similar to Ladino Clover. Sow 5 to 6 pounds per acre.

Fancy Strawberry Clover, write for prices.

SWEET CLOVER

A wonderful pasture and fertilizer plant. It makes a good, quick pasture. Sow 15 to 20 pounds per acre for pasture purposes. Grows well on all soils.

WHITE BLOSSOM SWEET CLOVER is a hardy

biennial plant growing to a height of 5 to 6 feet.

Fancy White Blossom Sweet Clover—10 lbs. \$2.00; F. O. B. Twin Falls.

YELLOW BLOSSOM SWEET CLOVER is similar to the white blossom strain except in color of blossom and does not grow as tall, also a biennial.

Fancy Yellow Blossom Sweet Clover — 10 lbs. \$2.00; F. O. B. Twin Falls.

Pasture Grasses



KENTUCKY BLUE GRASS is adapted to a wide range of soils and conditions. Is used extensively as a pasture grass, also as a lawn grass due to its close growing habits and fine color.

Fancy Kentucky Blue Grass —1 lb. 50c; 5 lbs. \$2.25; F. O. B. Twin Falls.

MEADOW FESCUE

is one of our best and most valuable pasture and hay grasses. It grows 2 to 2½ feet tall, is very leafy, grows close and stands pasturing well.

FANCY MEADOW FESCUE, 1 lb. 45c; 10 lbs. \$4.00; F.O.B. Twin Falls.

DOMESTIC RYE GRASS is a good grass to grow either straight or in combination with other grasses for pasture.

Fancy Domestic Rye Grass—1 lb. 25c; 10 lbs. \$2.00; F. O. B. Twin Falls.

TIMOTHY needs no introduction, as it has been grown in the west and all other sections as a hay and pasture grass. Is especially good on low moist soils.

FANCY TIMOTHY, 10 lbs. \$1.60; F.O.B. Twin Falls.

ORCHARD GRASS

is a valuable grass for pasture or hay, fine for mixing with alfalfa, making a high quality hay. Sow 20 pounds per acre.

Fancy Orchard Grass—1 lb. 55c; 10 lbs. \$5.00; F. O. B. Twin Falls.

ENGLISH or PERENNIAL RYE GRASS: The name Rye would indicate a tall, coarse grass, but the contrary is true. It is a quick, low, close growing grass of very fine quality for pasture or lawn.

Fancy English or Perennial Rye Grass —1 lb. 35c; 10 lbs. \$3.20; F. O. B. Twin Falls.



BROMUS INERMUS or Brome Grass is a very hardy drouth resisting grass. Yields a heavy hay crop and makes abundance of pasture. Sow 15 to 20 pounds per acre broadcast.

Fancy Bromus Inermus or Brome Grass—1 lb. 30c; 10 lbs. \$2.50; F. O. B. Twin Falls.

RED TOP is a valuable grass for moist, rich soils where it thrives to best advantage. A good grass to sow in connection with other grasses for hay or pasture. Sow about 10 pounds per acre.

Fancy Red Top—1 lb. 40c; 10 lbs. \$3.50; F. O. B. Twin Falls.

CRESTED WHEAT GRASS: This hardy, perennial, drouth resisting grass has made a very remarkable showing, where many other varieties have failed under dry, arid conditions. A grass of excellent quality for hay or pasture. Sow about 10 pounds per acre.

Fancy Crested Wheat Grass—1 lb. 30c; 10 lbs. \$2.50; F. O. B. Twin Falls.

Pasture Mixtures for Irrigated Lands

We do not offer prepared mixtures for pastures, preferring to let our customers buy the grasses separately and do their own mixing. In this way the customer knows what he is buying and sowing.

We recommend the following as the mixture best adapted to irrigated lands:

- 2 pounds Kentucky Blue Grass
- 4 pounds Meadow Fescue
- 4 pounds Orchard Grass
- 4 pounds Brome Grass
- 6 pounds Domestic Rye Grass
- 5 pounds Sweet Clover, white or yellow

25 pounds per acre.

Write for prices.

TEMPORARY PASTURE MIXTURE

For a quick and temporary pasture mixture sow:

- 15 pounds Sweet Clover, white or yellow
- 10 pounds Domestic Rye Grass

25 pounds to the acre.

Write for prices.

SHORT MOISTURE PASTURE MIXTURE: In locations where rainfall or sub-moisture is depended on, we recommend the following mixture:

- 5 pounds Crested Wheat Grass
- 5 pounds Brome Grass
- 2 pounds Kentucky Blue Grass
- 5 pounds Sweet Clover, white or yellow blossom

Sow 17 pounds per acre as above.

Write for prices.

Pasture and Hay Mixtures

TIMOTHY AND ALSIKE CLOVER, either 25% or 50% alsike: Where soils are heavy and wet this mixture will give splendid results for either pasture or hay.

Write for prices.

TIMOTHY AND RED CLOVER, either 25% or 50% Red Clover: This mixture is best adapted on soil where alfalfa does not give satisfactory results. Write for prices.

The above suggested mixtures are of the proportions we suggest. However, if you are interested in any of them mixed in different proportions we will be pleased to submit samples and quote you prices.

If you are interested in other pasture or hay mixtures not listed, please give us your requirements and we will be pleased to submit samples and quote you prices.



A Field of our Swedish Select Seed Oats

LAWN GRASS MIXTURE

LAWN MIXTURE, for country homes: This is a high quality mixture made up of the best of pure seed and compounded in a way to give you a fine, thick, velvety lawn in the quickest possible time.

Fancy Lawn Grass Mixture. Containing: Kentucky Blue Grass, Perennial Rye Grass, Red Top and White Clover—1 lb. 60c; 5 lbs. \$2.75; F. O. B. Twin Falls.

For larger quantities on Clovers and Grass seeds, write for prices.

All Grass and Clover Seed Prices subject to change.

Sowing Instructions for Grasses

Sow all grass seed broadcast on top of the ground and harrow in lightly. Grass seeds require plenty of moisture when first sown.

General Field Seeds

OUR RE-CLEANED GRAINS MEAN HIGHER YIELDS

Owing to the unsettled condition in the grain markets we are unable to quote firm prices for the season. If you are interested in any field seeds or grains, not priced, please give us your requirements and we will submit samples and quote prices.

WHEAT

LEMHI—Is a heavy yielding, early spring wheat of excellent milling quality. Does not shatter and has very stiff straw, making it less subject to lodging than Dicklow.

State Certified Lemhi—Writes for prices.
Uncertified Lemhi—Write for prices.

FEDERATION: This early strain of spring wheat is distinguished by its stiff, short straw and very scant foliage that is practically proof against lodging. Is a heavy yielder of large, plump berries resembling Dicklow.

State Certified Federation. Write for prices.
Uncertified Federation. Write for prices.

OATS

SWEDISH SELECT is a very heavy yielding, me-

dium early strain of oats. The large heads are well filled with heavy, plump, thin hulled grain.

State Certified Swedish Select. Write for prices.
Uncertified Swedish Select. Write for prices.

BARLEY

WHITE HULLESS or BALD BARLEY is a very early, high quality feed grain. The grain is very heavy and grows without beards, making it a splendid grain for hogging down. Is an excellent crop for short moisture and short season localities, also does especially good under irrigation.

Write for prices.

TREBI is a very heavy yielding strain of bearded barley. The grain is very heavy and of excellent quality.

State Certified Trebi Barley. Write for prices.
Uncertified Trebi Barley. Write for prices.

FALL RYE

FALL RYE: If sown early in the spring, will soon produce a good pasture of quality feed clear through the growing season. Also if sown in the fall will produce a crop of grain. Sow 100 pounds per acre for pasture.

Write for prices.

FIELD PEAS

CANADIAN FIELD PEAS can be sown either straight or in combination with other grains for hay or for the dry peas. Sow early at the rate of 120 pounds per acre.

Write for prices.

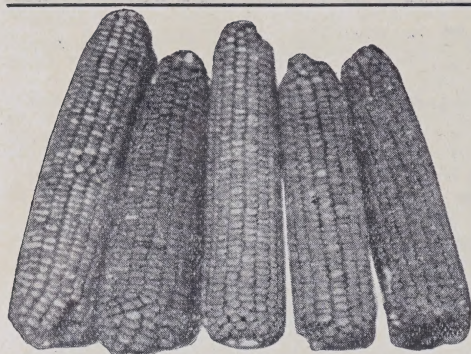
CORN

IDAHO GOLDEN DENT: This very popular 90-day strain is thoroughly acclimated to our inter-mountain conditions. It is a heavy yielder of large, golden yellow ears from 9 to 10 inches long, with deep kernels well filled out over the tips, running very even and uniform. The stalks grow tall and leafy, also making it a good silage corn.

Not available.

CASSIA COUNTY FLINT: This is a large-eared strain of the Australian White Flint variety that has been grown in this section for a number of years. A very heavy yielder, very early and hardy. Plant 8 to 10 pounds per acre.

5 lbs. 55c; 10 lbs. 95c; F. O. B. Twin Falls.



Golden Dent Corn

HYBRID FIELD CORN

Newly crossed hybrid seed should be obtained from your seed dealer each year, in order that the production and uniformity will continue for a satisfactory crop.

IDAHYBRID NO. 416 is a 100-day corn that is well adapted to this locality. It is a heavy yielder of large, well-filled, yellow ears that are easily husked. The very stiff stalks are of medium height and have a remarkable standing ability.

5 lbs. 85c; 10 lbs. \$1.60; F.O.B. Twin Falls.

IDAHYBRID NO. 330 is an extra early 95-day corn of excellent quality and is a splendid corn when an early variety is needed. The well filled, yellow ears are of medium size and easy to husk. It has a very stiff stalk and strong root system making it very resistant to wind.

5 lbs. 85c; 10 lbs. \$1.60; F.O.B. Twin Falls.

VETCH

The Vetches belong to the pea family and are very hardy. They will do well in cold sections and should make an excellent crop for our high mountain valleys.

SAND or WINTER VETCH: This variety thrives on poor, arid and sandy soil. It is sown in the fall or early spring and is generally mixed with grain to support it and keep it off the ground. Very hardy and makes a fine hay or pasture.

Write for prices.

SPRING VETCH is very valuable for a quick pasture or first year hay crop. Sow about 60 pounds per acre with a half bushel of grain, early in the spring. Write for prices.

MILLET

GOLDEN MILLET is a very quick hay or forage crop that is used very extensively as a catch crop. Sow 30 pounds per acre broadcast any time after the danger of frost is past, up to July 10th.

Write for prices.

HOG or BROOM CORN MILLET: This crop will mature in about 70 days from sowing. The grain is of very high feeding value, particularly valuable for feeding hogs or poultry. Sow 50 pounds per acre any time after danger of frost is past, up to July 10th.

Write for prices.

RAPE

Rape is excellent for sheep or hog pasture and also for sowing. Sow early in the spring or fall; broadcast about 10 pounds per acre.

Write for prices.

KAFFIR CORN

KAFFIR CORN is similar to Feterita and used for the same purpose. Some prefer the Kaffir Corn, claiming it has a higher feeding value. Like Feterita, Kaffir Corn will make good with very little moisture.

Write for prices.

SUGAR CANE or SORGHUM

For hay sow broadcast at the rate of 120 pounds per acre in order to keep the hay fine and not too coarse to handle. Sow any time after danger of frost is past, up to July 1. In drill rows sow from three to five pounds per acre.

Write for prices.

SUDAN GRASS

SUDAN GRASS is a natural drouth resisting annual, hay or pasture plant. It will make a good crop with very little moisture also will make a good crop under irrigation. Sow broadcast 40 to 50 pounds per acre.

Write for prices.

FLAX

Sow any time from March up to July 1, same as other grains, using at least 50 pounds of seed per acre on good land.

1 lb. 25c; 5 lbs. \$1.10; F.O.B. Twin Falls.

SUNFLOWER

Mammoth Russian is used for silage purposes in many parts of the west. Also the grain is excellent for poultry feed when ripened. For silage plant 10 pounds per acre, for seed crop 6 pounds per acre.

1 lb. 35c; 10 lbs. \$3.00; F.O.B. Twin Falls.

SEED DISINFECTANT



SEMESAN: Seed Disinfectant for beans, peas, vegetables and flower seeds, bulbs, roots, corms and tubers. Disease carried on the seed often reduce germination. Is easily applied as a dust or liquid. Effective in controlling damping off of seedlings and cuttings.

Prices— $\frac{1}{3}$ oz. envelope, 10c; 2 oz. can, 40c; 12 oz. can, \$1.88; 4 lb. can, \$9.10; F.O.B. Twin Falls.

SEMESAN BEL: Dip for seed potatoes. May be used on either whole or cut seed pieces. One pound will treat 70 to 80 bushels of seed. Is effective in controlling such seed borne diseases as scab, rhizoctonia and black leg. Protects the seed pieces against rotting by soil-borne organisms.

Prices—2 oz. package, 30c; 1 lb. can, \$1.65; 4 lb. can \$5.70; F.O.B. Twin Falls.



NEW IMPROVED CERESAN:

A low cost grain disinfectant effective in controlling bunt or stinking smuts of wheat, covered smut and stripe of barley, and oat smuts. Half ounce treats 1 bushel of grain.

Price—1 lb. can, 80c; 4 lb. can, \$2.70; F.O.B. Twin Falls.

Don't Fail to Read Our Grass Seed Section If You Need Pastures.



KOW-KARE

The concentrated tonic, conditioner and regulator to promote assimilation, aid low-cost milk production and build up vigor in calving. A small dosage daily is a valued aid in getting more milk from the same food.

Price, large size can \$1.25; medium size can 65c; F.O.B. Twin Falls. Shipping weight large can 4 lbs., small can 2 lbs.

BAG BALM

For teat and udder ills and all farm healing. Bag Balm combines the virtues of a refined, medicated ointment with an exclusive, liniment-like oil that penetrates and promotes quick healing.

Price per can 60c; F. O. B. Twin Falls. Shipping weight 1 lb.

BAG BALM DILATORS

For quick healing of spider, scabs, bruises, internal injuries or for hard milkers. Patented fluted shaft carries healing ointment inside.

Price 25 Dilators, sterilized and packed in Bag Balm, 65c. Postage paid.

NEW ALL PURPOSE Garden Hoe

The goose-necked shank permits close cultivation of plants and is an efficient hoe for mulching, cultivating and weeding your garden. Is of light weight, strong and easy to handle.

Price — \$1.40; Postage paid.



DOGZOFF

Dogzoff is effective in driving moles from their runs, in driving rats and mice from their hiding and nesting places, and in protecting fruit trees from peeling by rabbits. It also protects birds from cats. Keeps dogs and other animals away from places they are not wanted. Harmless. Cannot injure vegetation, non-poisonous. Non-inflammable and easily sprayed.

Price, net 3 Fl. oz. bottle, 70c. Postage paid.

Insecticides

HAMMOND'S SLUG SHOT

There is nothing better for destroying cabbage worms, flea beetles on cabbage, turnips, radishes, etc., or for any eating insects. Order Hammond's Slug Shot with garden seed orders for protection.

1 lb. pkg. 30c; 5 lb. pkg. \$1.20; F.O.B. Twin Falls. Shipping weight, 1 lb. pkg., 2 lbs.; 5 lb. pkg., 6 lbs.

TRUCK DELIVERY EVERYWHERE

On heavy goods it is often more convenient and quicker to ship by truck, no more expensive and often less. When ordering goods priced F.O.B. Twin Falls advise us whether you have regular truck service and whether you want your orders to come that way. You will often find it to your advantage.

Before making up your order, read parcel post instructions on inside front cover of catalog.

APPROX. 70,000,000 LBS. OF AIR-NITROGEN
ABOVE EVERY ACRE. THIS IS AVAILABLE
FREE FOR SOIL AND CROP IMPROVEMENT IF YOU
**CONVERT LEGUME SEEDS
INTO FERTILIZER PLANTS**

Inoculating by with
NITRAGIN
SINCE 1898

ALFALFA RED CLOVER
SWT. CLOVER COWPEAS
PEAS VETCH
A.W. PEAS SOYBEANS
LESPEDeza PEANUTS
BEANS ALL LEGUMES

BUILD UP YOUR SOIL Inoculate Your Legumes With NITRAGIN

Inoculate your Legume seeds even tho planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

1945 NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

ALFALFA

Sweet, Bur, Hubam Clovers

Size	Retail
1 bu. ea.	\$.50
2½ bu. ea.	1.00

CLOVERS

Medium & Mammoth
Red, Alsike, Crimson &
White Clovers

1 bu. ea.	\$.50
2½ bu. ea.	1.00

PEAS (All Varieties)

100 lb. size (Inoculates up to 100 lbs.) ea.	\$.50
1200 lb. size ea.	5.70
(12-100 lb. size cans)	

BEANS—Navy, Pinto, Wax,

String, Kidney, Gr. Northern
1 bu. ea. \$.35

LESPEDeza Hulled or Unhulled

100 lb. size (Inoculates up to 100 lbs. seed)	\$.50
--	--------

PEANUTS, LIMA BEANS, COW PEAS

Size	Retail
Small (Inoculates up to 120 lbs. seed)	\$.30
5 bu. ea.55
25 bu. (one can) ea.	2.50
30 bu. (one ctn.) ea.	3.25
(Contains 6-5 bu. cans)	

SOYBEANS (All Varieties)

Small (Inoculates up to 120 lbs. seed)	\$.30
5 bu. ea.55
25 bu. (one can) ea.	2.50
30 bu. (one ctn.) ea.	3.25
(Contains 6-5 bu. cans)	

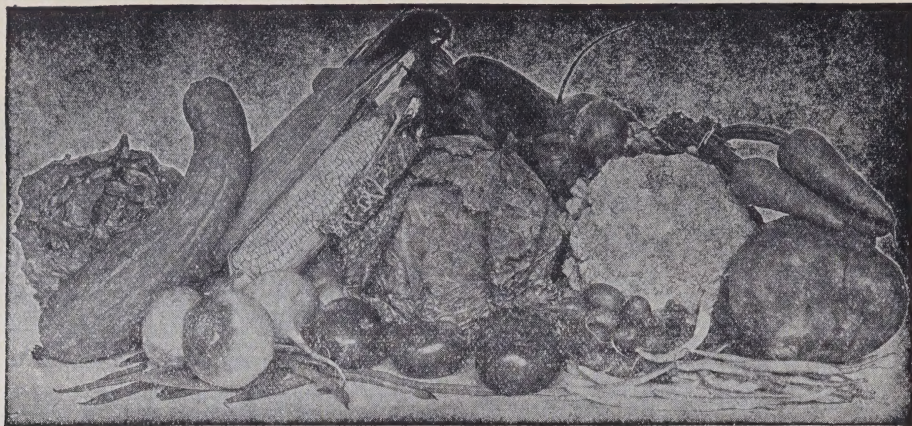
LUPINES (All Varieties)

100 lb. size (Inoculates up to 100 lbs. seed) ea.	\$.50
--	--------

GARDEN SIZE

Garden Peas and Beans
Sweet Peas, Lupines and
Edible Soybeans
Enough for 8 lbs. seed
Retail Price 10c each.

NITRAGIN — Oldest and Most Widely Used Inoculator in America



GARDEN SEEDS

Our garden seeds are all obtained from reliable sources and carefully selected to give the best results in our intermountain section.

As western seedsmen we know best what is adapted to western conditions and our seeds are the very best market gardener's strain that we can obtain.

Asparagus Seed

MARY WASHINGTON is a very early rust resistant strain of excellent quality and is a heavy producer of large, rich green colored stalks, with a trifle purple tint at the tips.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50. Postage paid.

ASPARAGUS ROOTS: By setting out the roots, a producing asparagus bed can be obtained in one or two years.

12 for 40c; 50 for \$1.20; 100 for \$2.00. Postage paid.

Garden Beans

Culture: About May first, or as soon as danger of frost is past and ground is warm, plant in drills 18 inches to two feet apart and cover lightly. Cultivate well to keep down weeds. Sow about every two weeks during the spring for succession.

DWARF GREEN PODDED BEANS

NEW STRINGLESS or TENDERGREEN. The plants of this very popular variety are of upright growth, strong, vigorous and very productive. The medium dark green pods are 6 to 7 inches long, round, meaty, tender and stringless; free from fiber and of excellent quality. A splendid variety for the home garden, canning or the market gardener.

Pkt. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 35c; 5 lbs. \$1.55; 10 lbs. \$2.90; Postage paid.

IDAHO REFUGEE: An excellent early, mosaic resistant Refugee, adapted for the home garden, canning, or the market gardener. The plants are large, vigorous and very productive. The pods are round, light green, 5 to 6 inches long, stringless and of excellent quality and flavor.

Pkt. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 35c; 5 lbs. \$1.55; 10 lbs. \$2.90; Postage paid.

GIANT STRINGLESS GREEN POD, a very productive round podded sort, maturing a little later than Burpee's stringless.

Pkt. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 35c; 5 lbs. \$1.55; 10 lbs. \$2.90; Postage paid.

BURPEE'S STRINGLESS. The finest green pod stringless bean. Earliest and hardiest of all green sorts. Produces large, handsome pods. Perfectly stringless. A very heavy yielder. Pods fleshy and of very fine flavor.

Pkt. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 35c; 5 lbs. \$1.55; 10 lbs. \$2.90; Postage paid.

DWARF WAX PODDED BEANS

PENCIL POD BLACK WAX: A very heavy yielding, stringless bean of exceptionally fine quality. The long, fleshy, yellow, round pods measure from 5 to 6 inches. We strongly recommend Pencil Pod Black Wax for the home garden, canning or the market gardener.

Pkt. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 35c; 5 lbs. \$1.55; 10 lbs. \$2.90; Postage paid.



IMPROVED GOLDEN WAX: The pods are very uniform and of a golden yellow, about four to five inches long and rather flat, meaty, tender and stringless. Early and of excellent quality.

Pkt. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 35c; 5 lbs. \$1.55; 10 lbs. \$2.90; Postage paid.

WARDWELL'S KIDNEY WAX: The strong vines yield abundantly. The long, nearly straight broad, creamy pods are of very fine quality. Early

and a fine variety for market gardeners.
Pkt. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 35c; 5 lbs. \$1.55; 10 lbs. \$2.90. Postage paid.

DWARF OR BUSH LIMA BEANS

BURPEE'S BUSH LIMA: The plant grows 18 to 20 inches high, of stout, erect growth; a heavy yielder of large pods, well filled with large, even-sized beans of excellent quality.

Pkt. 15c; $\frac{1}{4}$ lb. 25c; 1 lb. 45c; 5 lbs. \$2.00; 10 lbs. \$3.75; Postage paid.

HENDERSON'S BUSH LIMA grows erect 18 to 20 inches tall, requires no support; very early

and productive. The beans have the true Lima flavor, buttery and tender.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.55; 10 lbs. \$2.90; Postage paid.



Wax Beans

POLE BEANS

KENTUCKY WONDER or OLD HOMESTEAD: Vines vigorous, climbing well; very productive; pods green, very long, often reaching 9 to 10 inches, very crisp and tender. This is a great favorite as a snap bean.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.55; 10 lbs. \$2.90; Postage paid.

KENTUCKY WONDER WAX is a very heavy producer of the climbing variety. The waxy yellow pods are from 8 to 10 inches long, practically stringless, very fleshy and tender. An excellent variety for home use. Ready to use about 70 days from planting.

Pkt. 10c; ½ lb. 20c; 1 lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.20; Postage paid.

Garden Beets

Sow in early spring up to July 15th.

EARLY WONDER is a very early variety. Tops are medium small, roots semi-globular, bright red skin, vermillion red flesh, very sweet and tender. A splendid home or market garden variety.

Pkt. 10c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00. Postage Paid.

CROSBY'S EGYPTIAN is an old favorite early variety. Dark red in color, round type. One of the earliest and of excellent quality.

Pkt. 10c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00. Postage Paid.

EDMAND'S BLOOD TURNIP BEET is an old standard general crop beet. In quality one of the finest. As the name indicates, a true round or turnip shape. Popular with market gardeners.

Pkt. 10c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00. Postage Paid.

DETROIT DARK RED is one of the finest general crop garden beets known. Quality, the finest, color very dark red, size medium and very uniform. We strongly recommend Detroit Dark Red.

Pkt. 10c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00; 5 lbs. \$9.50. Postage Paid.

SWISS CHARD

LUCULLUS is a variety of beet, producing leaves only that are used for greens. The very large

leaves are very tender and of a mild spinach-like flavor. Cultivate the same as ordinary beets.

Pkt. 10c; 1 oz. 20c; ¼ lb. 55c; 1 lb. \$1.75. Postage Paid.

Stock Beets or Mangels

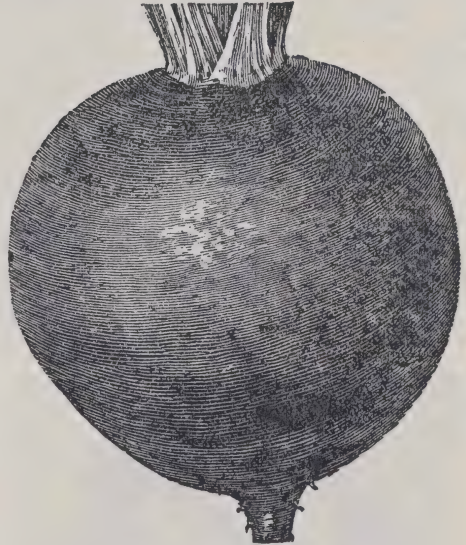
These large, heavy yielding Stock Beets produce an enormous amount of succulent feed for winter use. Plant in early spring up to June 1st, in the same way you would handle garden or sugar beets.

DANISH SLUDSTRUP has a long, reddish-yellow root, growing more than half above the ground and is easily harvested. It is a heavy yielder and has a very high feeding value.

1 oz. 15c; ¼ lb. 50c; 1 lb. \$1.60; 5 lbs. \$7.50. Postage Paid.

GIANT ROSE HALF SUGAR is one of the best for fattening on account of its high sugar content. The long, oval roots are white with rose colored shoulders and white flesh. It is easily harvested and a heavy yielder.

1 oz. 15c; ¼ lb. 50c; 1 lb. \$1.60; 5 lbs. \$7.50. Postage Paid.



Detroit Dark Red Beet

Borecole or Kale

DWARF GREEN CURLED: The very tender, fine flavored, curly leaves will stay green until late in the fall, making excellent greens for fall use. Can be sown any time from spring to August. Also a fine green feed for poultry.

Pkt. 10c; 1 oz. 30c; ¼ lb. 90c. Postage Paid.

Broccoli

CALABRESE or GREEN SPROUTING is an excellent variety for the home or market gardener. Its tall, branching plant forms a compact head of deep green flower buds, resembling a loose head of cauliflower. A delicious vegetable of excellent quality.

Pkt. 10c; ¼ oz. 25c; 1 oz. 40c; ¼ lb. \$1.25. Postage Paid.

Brussels Sprouts

DWARF IMPROVED BRUSSELS SPROUTS are miniature cabbage formed on the plant stalk. The compact sprouts are of excellent quality and a delicate flavor. Culture the same as cabbage. For winter use sow in May or June.

Pkt. 15c; ½ oz. 45c; 1 oz. 80c. Postage Paid.

Cabbage

Our cabbage seed is all of the finest obtainable stock. Methods of growing cabbage are so generally understood that explanation is unnecessary. The most important point to bear in mind is to have the soil as rich as possible.

EARLY JERSEY WAKEFIELD is an old standard extra early variety. Pointed heads of extreme hardness. Earliness and hard heading are the outstanding feature of this excellent variety.

Pkt. 10c; 1 oz. 40c; ¼ lb. \$1.40; 1 lb. \$4.80. Postage Paid.

GOLDEN ACRE is a popular cabbage of the Copenhagen Market type, smaller and a trifle earlier than that famous variety. Round, very hard heads and very uniform type.

Pkt. 10c; 1 oz. 55c; ¼ lb. \$1.75; 1 lb. \$6.00. Postage Paid.

COPENHAGEN MARKET produces a large, solid round head almost as quickly as the early pointed strains, is a good keeper and if put out late makes a fine winter cabbage. A good cabbage for the home garden or the market gardener.

Pkt. 10c; 1 oz. 55c; ¼ lb. \$1.75; 1 lb. \$6.00. Postage Paid.

GLORY OF ENKHUIZEN is a second early sure heading, splendid keeping variety, heads large, round and very solid. Stem medium short. Especially valuable for kraut, also excellent for home and market garden.

Pkt. 10c; 1 oz. 50c; ¼ lb. \$1.60; 1 lb. \$5.40. Postage Paid.



Danish Ball Head

DANISH BALL HEAD: This exceptionally fine late cabbage is a great favorite in all markets. The heads are round, medium sized, but very heavy and solid, fine grained and tender. We strongly recommend Danish Ball Head for the market or home garden.

Pkt. 10c; 1 oz. 55c; ¼ lb. \$1.75; 1 lb. \$6.00. Postage Paid.

PENN STATE BALLHEAD was developed by the Pennsylvania State College and is one of the very best strains of the Ballhead type. Is a heavy

yielder of large solid, round heads, uniform in size, shape and color, of excellent quality and a good keeper.

Pkt. 10c; 1 oz. 55c; ¼ lb. \$1.75; 1 lb. \$6.00. Postage Paid.

PREMIUM LATE FLAT DUTCH: This large, solid, flat headed variety of late cabbage is a standard well known variety in all sections, is a good keeper and a general favorite for winter use.

Pkt. 10c; 1 oz. 45c; ¼ lb. \$1.50; 1 lb. \$5.20. Postage Paid.

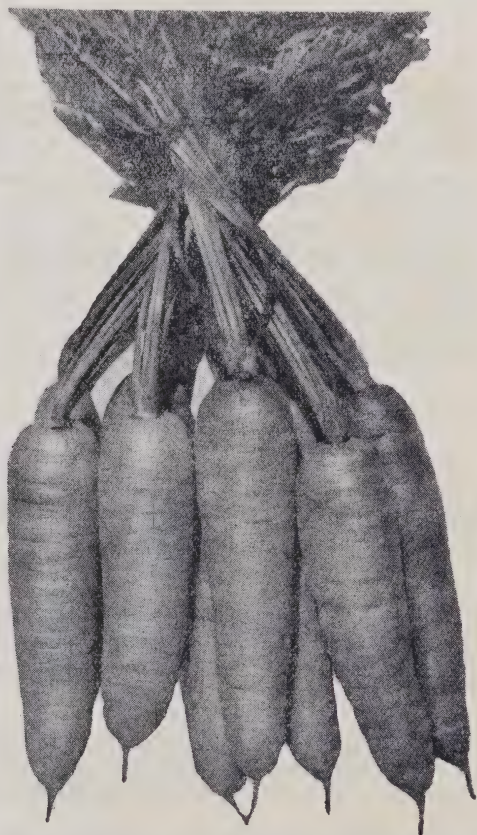
RED CABBAGE

MAMMOTH ROCK RED is a hard-heading variety. Heads are as large as Premium Flat Dutch. Deep red to center and is highly recommended.

Pkt. 10c; ½ oz. 35c; 1 oz. 60c; ¼ lb. \$2.00. Postage Paid.

Carrots

Sow as early in the spring as the ground is in good shape for cultivation. Make successive sowings up to July 1st. Sow in rows one-half inch deep about 3 pounds per acre on a well-prepared seed bed. For winter table use sow from June 1st to June 15th.



NEW CORELESS is an excellent early variety for local markets or home use. The tops are small, roots are cylindrical and stump rooted, 6 to 7 inches long, of deep orange color, richly colored clear through, very crisp, solid and of excellent quality.

Pkt. 10c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.50; 5 lbs. \$12.00. Postage paid.

HALF-LONG-NANTES is an excellent variety for the home garden or the early market. The

roots are blunt ended, 6 to 7 inches long and about 1½ inches thick, cylindrical, smooth and of bright orange color. The flesh is of excellent quality, fine grained, tender, sweet, practically coreless and of bright orange color.

Pkt. 10c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.50; 5 lbs. \$12.00. Postage paid.

IMPERATOR is a splendid bunching carrot of exceptionally fine quality. The roots are smooth, deep orange in color, 7 to 8 inches long, uniformly tapering to a semi-blunt end. The flesh is fine grained, tender and a rich orange in color. The tops are medium, but strong enough for bunching.

Pkt. 10c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.40; 5 lbs. \$11.50. Postage Paid.

EARLY SCARLET HORN is excellent for early planting for garden use. Grow just the right size, tops small, quality very fine, color rich orange.

Pkt. 10c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.50. Postage Paid.

DANVER'S HALF LONG is a very popular strain of carrot universally planted for gardening purposes. Medium length, tapering to a blunt point. A heavy yielder and of fine quality.

Pkt. 10c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.40; 5 lbs. \$11.50. Postage Paid.

CHANTENAY or **MODEL**: This excellent variety is similar to Danver's Half Long. It is very smooth and uniform in type, of a deep orange color and very fine quality. Good for winter use as well as an early carrot.

Pkt. 10c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.40; 5 lbs. \$11.50. Postage Paid.

OXHEART or **GUERANDE** is a very rapid growing variety. Type short and thick, runs very uniform as to type and size. Many people prefer Oxheart on account of its being so easy to dig. Quality fine and tender.

Pkt. 10c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.40; 5 lbs. \$11.50. Postage Paid.

IMPROVED LONG ORANGE is an old well-known sort of very fine quality. Type heavy near crown, tapering uniformly to a point. Color deep orange. A splendid keeper for winter use. Extensively grown for stock feeding as well as for table use.

Pkt. 10c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.40; 5 lbs. \$11.50. Postage Paid.

Stock or Field Carrots

WHITE MASTODON is a very heavy producer, often yielding 30 to 40 tons per acre in this section. Is a large, short, thick carrot, tapering to a point. The feeding quality is very high, sweet, crisp and a good keeper.

Pkt. 10c; 1 oz. 25c; ¼ lb. 70c; 1 lb. \$2.20; 5 lbs. \$10.50. Postage Paid.

Cauliflower

Culture: Handle the same way as cabbage. Needs rich soil and plenty of moisture.

SUPER SNOWBALL. A very desirable main crop variety, also used for early planting. The medium large compact heads are pure white in color and of excellent quality. The plants are sturdy and the leaf growth is sufficient to make tying easy. Is an excellent market or home garden variety.

Pkt. 20c; ¼ oz. 85c; ½ oz. \$1.60; 1 oz. \$3.00. Postage Paid.

EARLIEST DWARF ERFURT is a first class cauliflower, very early. One of the best and surest to head. A fine old standard sort.

Pkt. 20c; ¼ oz. 75c; ½ oz. \$1.35; 1 oz. \$2.50. Postage Paid.

EARLY EXPRESS SNOWBALL is an improvement on the Early Danish Snowball, equal to

that famous cauliflower in type and quality but still earlier.

Pkt. 20c; ¼ oz. 85c; ½ oz. \$1.60; 1 oz. \$3.00. Postage Paid.

DANISH DRY WEATHER is a good general crop cauliflower developed to stand hot dry weather. The heads are somewhat larger than Express Snowball. A good yielder and an excellent keeper. A good cauliflower for the main crop.

Pkt. 20c; ¼ oz. 85c; ½ oz. \$1.60; 1 oz. \$3.00. Postage Paid.

Celery

GOLDEN PLUME or **WONDERFUL** is an especially good early variety. The plants are of medium size, full hearted and compact with thick solid stocks, which blanch readily and are of the finest quality.

Pkt. 10c; ½ oz. 50c; 1 oz. 90c; ¼ lb. \$3.00. Postage paid.



GOLDEN SELF BLANCHING is a self-blanching variety, of dwarf compact habit of growth and ready for use very early in the season. The thick, heavy, ribbed stalks which blanch to a waxy yellow are of the finest flavor.

Pkt. 10c; ½ oz. 50c; 1 oz. 90c; ¼ lb. \$3.00. Postage Paid.

UTAH JUMBO is an excellent variety for the market gardener or the home garden. It has a thick, heavy heart, blanches to a creamy white and has a delicious flavor.

Pkt. 10c; ½ oz. 40c; 1 oz. 75c; ¼ lb. \$2.50. Postage Paid.

GIANT PASCAL: The stalks are very large, crisp and of fine quality. Blanches very easily and quickly. The heart is golden yellow and has a very attractive appearance. Has good keeping qualities and is an excellent variety for winter use.

Pkt. 10c; ½ oz. 40c; 1 oz. 75c; ¼ lb. \$2.50. Postage Paid.

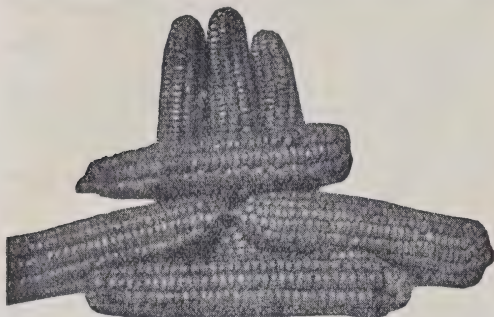
Sweet Corn

EXTRA EARLY BANTAM is an extra early variety, 10 to 12 days earlier than the regular Bantam. The size of the ear is a little smaller and slightly lighter in color and quite uniformly eight rowed and is an excellent yielder of extra good quality corn.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.75; Postage paid.

EARLY GOLDEN MARKET is an extra early corn of excellent quality. The golden colored, good sized ears are of a nice type. A good corn for the market gardener or the home garden.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.75; Postage paid.



Early Golden Market

GOLDEN BANTAM is a very early sweet corn with golden yellow grain, very tender and of excellent quality. Ears are about 6 to 7 inches long, of medium size. The flavor is exceptionally rich and delicious.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.75; Postage paid.

IMPROVED BANTAM is an excellent early variety for the home garden or the market gardener. It is a good yielder of large ears with 12 to 14 rows of deep yellow kernels very tender and of the finest flavor.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.75; Postage paid.

BANTAM EVERGREEN: The large ears of this splendid variety are covered with light yellow, deep set kernels of the finest quality. Is about six days later than Golden Bantam.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.75; Postage paid.

EARLY EVERGREEN: "White," slightly smaller ears than Stowell's Evergreen but ready for use several days earlier. Ears are 7 to 8 inches long with 16 to 20 rows of deep kernels of the finest quality, that remains in good condition for table use a long time.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.75; Postage paid.

STOWELL'S EVERGREEN: A well known late white variety, of excellent quality. The large ears are from 7 to 8 inches long with 14 to 20 rows of deep kernels that are very sweet and tender. Also an excellent insilage corn.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.75; Postage paid.

COUNTRY GENTLEMAN or **SHOE Peg:** "White." This old favorite variety is late but remains in good condition over a long period. The ears are 7 to 9 inches long with small deep kernels which are very tender and delicious.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.75; Postage paid.

Hybrid Corn

The hybrid cross should be made each year with the hybrid corn, in order that the production and uniformity will continue for a satisfactory crop. Newly crossed seed should be obtained from your seed dealer each year.

GOLDEN CROSS BANTAM is a single cross hybrid corn of excellent quality, about 6 days later than Golden Bantam. The ears are 12 to 14 rowed and about 7 inches long. The kernels are a rich yellow in color, very sweet and tender. A good variety for market gardening, canning, or the home garden.

Pkt. 15c; ½ lb. 30c; 1 lb. 55c; 5 lbs. \$2.50; 10 lbs. \$4.50. Postage Paid.

MARCCROSS is an early yellow Hybrid of exceptionally good quality, about 8 days earlier than Golden Bantam. The stalks grow from 5 to 6

feet high producing ears from 6 to 7 inches long with 12 to 14 rows of deep yellow kernels that are very sweet and tender. Marccross is a very popular variety with the market or home gardens.

Pkt. 15c; ½ lb. 30c; 1 lb. 55c; 5 lbs. \$2.50; 10 lbs. \$4.50. Postage Paid.

Popcorn

WHITE RICE HULESS is a heavy yielder of short, thick ears, that shells out heavy on account of very deep grains. An excellent popper, very tender and delicious.

Pkt. 10; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50; Postage paid.

BLACK GIANT is a heavy yielder of large ears and a sure popper. Excellent for home use.

Pkt. 10; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50; Postage paid.

PEARL WHITE is a large eared heavy yielding variety of excellent quality, for home use or the market.

Pkt. 10; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.50; Postage paid.

Cucumbers

Sow seeds in open ground soon as danger of frost is past. Plant in hills and thin down to 3 or 4 in a hill.

EARLY GREEN PROLIFIC (Boston Pickling): a very productive variety extensively grown for pickling. Fruit bright green, medium size, smooth and uniform.

Pkt. 10c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.50. Postage Paid.

ARLINGTON WHITE SPINE is an improved white spine of exceedingly fine quality, especially fine for slicing and quality good for pickling. Grows quite large and of uniform type.

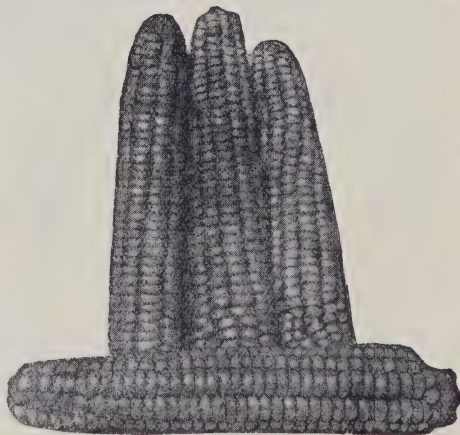
Pkt. 10c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.50. Postage Paid.

NATIONAL PICKLING is an early variety of dark green fruits straight and symmetrical rather blunt at each end. About 6 inches long when mature and can be used when quite small. Recommended for pickling and very productive.

Pkt. 10c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.50. Postage Paid.

CHICAGO or **WESTERFIELD PICKLING:** One of the very finest types of pickling cucumbers. Grown extensively by pickling establishments on account of its very uniform type and size. A heavy yielding, hardy strain.

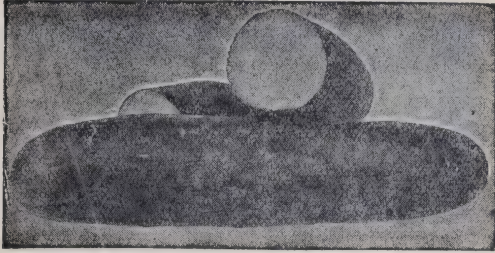
Pkt. 10c; 1 oz. 25c; ¼ lb. 75c; 1 lb. \$2.50. Postage Paid.



Golden Bantam Sweet Corn

DAVIS PERFECT: A very fine type cucumber. One of the smoothest and most uniform in shape and color, very small seed cavity. Grown extensively for a slicing cucumber and for fancy dills.

Pkt. 10c; 1 oz. 30c; ¼ lb. 90c; 1 lb. \$3.00. Postage Paid.



Improved Long Green Cucumber

IMPROVED LONG GREEN: An old time favorite. Fruit long and slim. Exceedingly fine quality. Good for both pickling and slicing.

Pkt. 10c; 1 oz. 30c; ¼ lb. 90c; 1 lb. \$3.00. Postage Paid.

WEST INDIA GHERKIN: A very prolific, small fruited variety, used exclusively for pickling. The fruits are 2 to 3 inches in length and about 1½ inches thick. The skin is bright green and thickly set with short spines.

Pkt. 10c; 1 oz. 30c; ¼ lb. 85c. Postage Paid.

Cress

UPLAND or GARDEN CRESS is especially fine for salads and garnishing, has the pungent flavor of water cress. Many people use cress to mix with lettuce to which it adds a very desirable flavor.

Pkt. 10c; 1 oz. 40c; Postage Paid.

CURLED CRESS or PEPPER GRASS: The finely curled leaves are used extensively for salads. Are crisp and of a pungent flavor. It grows very quickly and is of the easiest culture.

Pkt. 10c; 1 oz. 50c; Postage paid.

Chicory

ENDIVE or WITLOOF: Sow the seed in the open in the spring. In the fall dig them and place in sand or light earth, water them and place near the heater to keep warm. When the sprouts are through the surface they are then ready for use. Very tender and delicious.

Pkt. 10c; ½ oz. 35c; 1 oz. 60c. Postage Paid.

Collards

GEORGIA SOUTHERN COLLARDS does not head, but produces a great quantity of large cabbage-like leaves, which are excellent for table greens. Also a good green feed for stock or poultry. Sow seed in rows and transplant or thin to 4 inches apart in the row.

Pkt. 10c; 1 oz. 15c; ¼ lb. 40c. Postage Paid.

Endive

WHITE CURLED: Many relish Endive on account of its pungent flavor. Use the same as lettuce. Very tender when cut young, blanches readily.

Pkt. 10c; 1 oz. 20c; ¼ lb. 65c; Postage paid.

Egg Plant

BLACK BEAUTY: Fruits very large and of a deep, glossy purple-black color. Sow early in the house or hotbed. Transplant the same as tomatoes, when danger of frost is past.

Pkt. 10c; ½ oz. 35c; 1 oz. 60c; ¼ lb. \$1.90. Postage Paid.



Garlic

GARLIC BULBS: The most pungent of the onion family and is used for flavoring soups, stews, sausages, etc. The bulb is composed of many small bulbs called cloves. To plant, separate the sections or cloves of each bulb and set 4 inches apart in the row. Cultivate the same as onions.

1 lb. 55c; 5 lbs. \$2.50. Postage Paid.

Garden Herbs

CARAWAY: Grown for the seed, which is used for flavoring of breads, pastry, etc.

Pkt. 10c; ½ oz. 30c; 1 oz. 50c. Postage Paid.

DILL: Grown chiefly for making dill pickles. Sow early in spring in rows. Cover seed ½ inch. Mammoth.

Pkt. 10c; 1 oz. 25c; ¼ lb. 60c. Postage Paid.

GARDEN SAGE: Used for seasoning meats, dressings, etc. Home grown sage is better than most commercial stock.

Pkt. 15c; ½ oz. 60c; 1 oz. \$1.00. Postage Paid.

Horse Radish

Plant roots in trench, pressing small end down and cover 3 to 4 inches deep in rows 2 feet apart, about 18 inches apart in the row. The roots produce good Radish, fit for use in one season's growth.

12 for 50c; 25 for 80c; 100 for \$2.75; Postage paid

Kohl Rabi



PURPLE VIENNA: Kohl rabi is a member of the cabbage family with an edible, turnip-like bulb growing above the ground. The bulb is purple in color and the flesh is an attractive greenish white, tender and delicious.

Pkt. 15c; ½ oz. 35c; 1 oz. 60c; ¼ lb. \$2.00. Postage Paid.

Lettuce

Lettuce is so commonly grown by all that instructions for growing are unnecessary.

EARLY CURLED SIMPSON: A very early variety. Forms a close, compact mass of curly yellowish green leaves. Tender and crisp. A great favorite with market gardeners.

Pkt. 10c; 1 oz. 20c; ¼ lb. 60c; 1 lb. \$2.00. Postage Paid.

GRAND RAPIDS: An exceedingly fine early lettuce and a great favorite with market gardeners for forcing. This does not form heads, but makes large, compact bunches of leaves with fringed edges.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.
Postage Paid.

PRIZE HEAD: A very large, loose heading sort. Leaves crimped and fringed, outer ones shaded reddish brown. A high quality lettuce, crisp, sweet tender. Splendid for home garden use.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00.
Postage Paid.

IMPROVED HANSON HEAD: A very hardy, high quality head lettuce for home use. Heads compact, with inner leaves blanched almost white. Quality fine, crisp, tender and delicious.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 70c; 1 lb. \$2.20.
Postage Paid.

CALIFORNIA CREAM BUTTER forms sound, crisp heads of buttery flavor, medium early, very crisp and tender.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 70c; 1 lb. \$2.20.
Postage Paid.

NEW YORK NO. 12: An improved type of the New York variety. The large heads often weigh from $2\frac{1}{2}$ to 3 pounds. Very crisp, hard and tender. Blanches out to a creamy white in center. An excellent home garden or market variety.

Pkt. 10c; 1 oz. 35c; $\frac{1}{4}$ lb. 95c; 1 lb. \$3.40;
Postage paid.

NEW YORK NO. 515: A new variety of the regular New York type. Bred especially for resistance to tip burn. A very sure header, large sized heads, dark green color, well covered and will stand the spring heat better than other varieties of the New York type.

Pkt. 10c; 1 oz. 35c; $\frac{1}{4}$ lb. 95c; 1 lb. \$3.40;
Postage paid.

NEW YORK or LOS ANGELES MARKET: Also known in some sections by the name of Wonderful. The heads are very large, often weighing up to two pounds, and resemble small cabbage in appearance; very firm, an exceptional keeper and wonderful shipper.

....Pkt. 10c; 1 oz. 35c; $\frac{1}{4}$ lb. 95c; 1 lb. \$3.40;
Postage paid.



New York Head Lettuce

IMPERIAL 847: An excellent black-seeded strain for late spring or summer sowing, on account of its remarkable resistance to heat. The plants are low growing, medium sized and compact. The heads are medium sized, firm, dark green and of excellent quality.

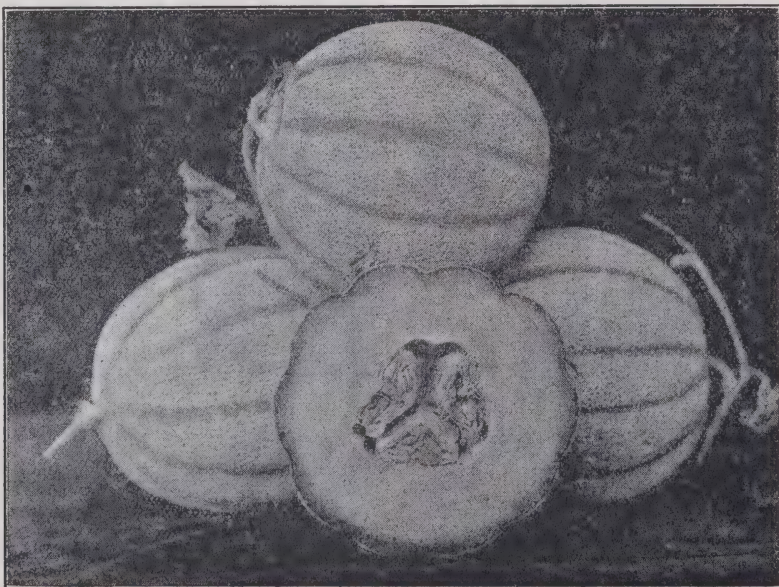
Pkt. 10c; 1 oz. 35c; $\frac{1}{4}$ lb. 95c; 1 lb. \$3.40;
Postage paid.

CHICKEN LETTUCE: This lettuce yields an immense amount of chicken or rabbit feed. It does not form a head, but sends up stalks 3 to 4 feet high loaded with leaves. These leaves can be pulled off like kale. When cut, it starts to grow again.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 55c; 1 lb. \$1.80.
Postage Paid.

Muskmelon

Plant in rich warm soil after danger of frost is past and weather warms up. In our section this will be from the middle of May to first week in June. Sow plenty of seeds in hills 4 to 5 feet apart and thin down to 4 or 5 plants when well started.



Hearts of Gold Muskmelon

BENDER'S SURPRISE: A large size, oblong, greenish-yellow melon, slightly ribbed with coarse netting. Attractive salmon-colored flesh, very thick and sweet. An excellent variety for shipping or for home gardens.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.40. Postage Paid.

HALE'S BEST is an extra early salmon fleshed cantaloupe of remarkable flavor, very sweet and spicy. Seed cavity is very small with corresponding thick flesh. Type oblong, well netted, and medium size. A heavy yielder and a good shipping melon.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.40. Postage Paid.

BANANA MUSKMELON: Yellow fleshed. Grows 15 to 20 inches long, four to six inches in diameter. The thick salmon colored flesh has a delicious flavor and gives out an aroma like a banana.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.40. Postage Paid.

ROCKY FORD: An old favorite cantaloupe. Many prefer its spicy, delicious flavor to all others. Very popular in the markets. Type small and round with heavy netted rind, flesh green. We carry a select stock of Rocky Ford.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.40. Postage Paid.

HEARTS OF GOLD: An exceptionally fine melon for the home garden. Also used in some sections extensively as a market melon. The melons are not large but of convenient size for table use. The rind is very firm and heavily netted; flesh rich, deep orange color; thick and of remarkable sweetness.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.40. Postage Paid.

HONEY DEW: Something very distinct in melons. Skin perfectly smooth and of delicate yellow color. Rind thin but very firm—flesh white to emerald green. Honey Dew is very sweet and has a decided honey flavor, very delicious.

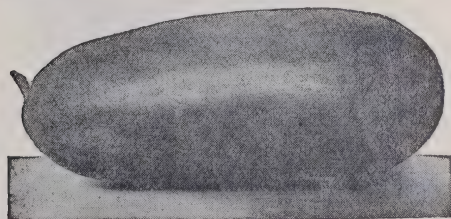
Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.40. Postage Paid.

Watermelons

Instructions for growing same as for Muskmelons.

COLE'S EARLY: Very early and a sure melon for our cooler sections. Oblong in shape and of good size, mottled green in color with thin brittle rind. Flesh is good red and very sweet, seeds black.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 55c; 1 lb. \$1.75. Postage Paid.



Kleckley's Sweet

CKLECKLEY'S SWEET: A splendid sort. One of the sweetest of melons. Skin dark green, flesh bright red and very delicious. Valuable both as a market sort and as a home melon. A great favorite. Early and a heavy producer.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 55c; 1 lb. \$1.75. Postage Paid.

BLACK SEEDED KLONDIKE is a very high quality melon for the home use or shipping. The shape is medium long, slightly tapering at the seed end. Skin dark green, rind thin but tough. The flesh is dark red, very sweet and delicious.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.20. Postage Paid.

STRIPED KLONDIKE is about the same size and shape as the green Klondike, maybe a little larger. The stripes run lengthwise and are very vivid. The flesh is extremely sweet, thick, and of the best quality. The rind is thin, hard and tough, making it desirable for shipping.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.20. Postage Paid.

...KING AND QUEEN "WINTER WATERMELON": One of the chief values of this fine, small round melon is its keeping qualities. The skin is a light cream with faint green stripes. The flesh is a deep red, very sweet and of excellent quality. Seeds, small and black. The rind is extremely strong, making it an excellent shipper.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 55c; 1 lb. \$1.80; Postage paid.

Okra or Gumbo

DWARF GREEN grows low and stocky. Is very productive. Okra pods are used in soups, stews and salads. The pods should be gathered each day while still tender and pulpy. Sow in open ground in May.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.20; Postage paid.

Mustard

Used extensively for greens and hard to beat for that purpose. Sow any time—early spring to August 1st.

SOUTHERN GIANT CURLED produces large dark green leaves with extra curled edges. Fine for salads and greens.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c. Postage Paid.

WHITE LONDON MUSTARD: Mostly grown for its large, round yellow seed, which is used extensively in pickles and for seasoning; also for greens.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c. Postage Paid.

Onions

Onions have become an established cash crop in most of the irrigated sections of the West. If you are growing onions commercially, good seed of the most popular market strains is of very great importance.

MOUNTAIN DANVER'S is an extra early, good yielding market variety. Bulbs nearly round, neck small and yellow in color. A good keeper, being extremely hard and firm.

Pkt. 10c; 1 oz. 50c; $\frac{1}{4}$ lb. \$1.75; 1 lb. \$6.50. Postage Paid.

YELLOW GLOBE DANVERS: This fine onion is of large size. An early and abundant cropper. Bulbs are very thick, neck small. Handsome in appearance and a good dark yellow color. A good variety for this section and a good market onion.

Pkt. 10c; 1 oz. 55c; $\frac{1}{4}$ lb. \$1.85; 1 lb. \$6.80. Postage Paid.

SOUTHPORT RED GLOBE: The Southport Red Globe is an excellent market onion on account of its appearance and keeping qualities. Very large and uniform in size, deep red in color and a good yielder.

Pkt. 10c; 1 oz. 55c; $\frac{1}{4}$ lb. \$1.85; 1 lb. \$6.80. Postage Paid.

SOUTHPORT WHITE GLOBE: This onion grows to a very large size and is a perfect globe shaped sort. Color pure white, a good keeper and excellent market variety.

Pkt. 10c; 1 oz. 60c; $\frac{1}{4}$ lb. \$2.00; 1 lb. \$7.50. Postage Paid.

EBENEZER: Is an exceptionally fine, early onion of excellent quality and a good keeper for winter use, also used for growing sets. The bulbs are of a thick flat shape, have yellow skin, of medium size and a good yielder. The flesh is white, crisp and of excellent flavor.

Pkt. 10c; 1 oz. 50c; $\frac{1}{4}$ lb. \$1.75; 1 lb. \$6.50. Postage Paid.

SILVER SKIN or WHITE PORTUGAL: This beautiful white onion is fine for growing early bunch onions. It has a fine, mild flavor and is one of the best keeping white onions. Size medium, type inclined to be partly flat. A good home garden sort.

Pkt. 10c; 1 oz. 60c; $\frac{1}{4}$ lb. \$2.00; 1 lb. \$7.50. Postage Paid.

CRYSTAL WAX is not a long keeper but is an excellent variety for early marketings or for home use. This pure white, medium sized flat onion is extremely sweet and mild.

Pkt. 10c; 1 oz. 60c; $\frac{1}{4}$ lb. \$2.10; 1 lb. \$7.80. Postage Paid.

YELLOW SWEET SPANISH (Utah Strain): This is a large, fine uniform typed market onion, averaging 1 to 3 pounds. The Utah strain is a special selection from the original imported Sweet Spanish. Bulbs are true globe type, neck very small and when thoroughly cured makes a very good keeper, an especially heavy yielder.

Pkt. 10c; 1 oz. 60c; $\frac{1}{4}$ lb. \$2.15; 1 lb. \$8.00. Postage Paid.

WHITE SWEET SPANISH is in many respects similar to the Valencia type especially in mildness of its flavor. The pure white flesh is fine grained and unusually sweet and mild. Its white skin makes it a very desirable onion for the market.

Pkt. 10c; 1 oz. 70c; $\frac{1}{4}$ lb. \$2.40; 1 lb. \$9.00. Postage Paid.

ONION SETS



Onion sets are perishable; they do not keep well except while weather is cool, and in consequence we have to be careful not to overstock them. Anyone wanting sets should get their order in just as early as possible.

White Bottom Sets. 1 lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.20; Postage paid.

Yellow Bottom Sets. 1 lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.20; Postage paid.

Peas

Peas can and should be planted as soon as the ground is ready for work. The smooth seeded



Yellow Sweet Spanish Onion

varieties should be planted first for earliest use and followed soon as ground warms up with the wrinkled strains for later use. Sow them real thick for best results—1 pound to 50 feet of row.

EARLY ALASKA (Extra Early): Well-known and extensively used as an extra early variety. Vine is strong and vigorous, 2 to 2½ feet tall, pods 2½ to 3 inches long and well filled. Ready for picking about 60 days from planting. Peas round, slightly pitted. Quality good; very productive.

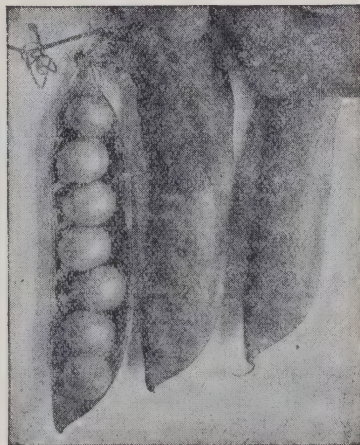
Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.30; Postage paid.

HUNDREDFOLD is an early dwarf wrinkled variety of the Laxtonian type. Vines 2 feet high, sturdy and very productive, pods dark green, four inches long, containing 6 to 8 large dark green peas of excellent quality.

Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.60; Postage paid.

AMERICAN WONDER is a very early wrinkled variety of dwarf habit, from 9 to 12 inches tall, producing an abundance of good sized and well filled pods. American Wonder is of very fine flavor, sweet and delicious.

Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.60; Postage paid.



Early Alaska Peas

PREMIUM GEM is a medium early vigorous grower, producing vines from 18 to 24 inches tall, a heavy yielder of well filled pods about 3 inches long, with green wrinkled peas of medium size, very sweet and tender.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.60; Postage paid.

LAXTONIAN is a large podded, extra early strain of exceedingly fine quality, grown extensively both as a home garden and market sort. Medium dwarf in habit of growth, but with very large pods, averaging five to six inches in length. Pods well filled with large peas of great sweetness; seldom any blank spaces in pods.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.60; Postage paid.

LITTLE MARVEL is one of the finest, early dwarf wrinkled peas. A fine variety for either the home or market garden. Height 18 inches, foliage and pods very deep green; pods 3 inches long, nearly round and square ended, containing 6 to 8 very dark green peas of high quality. Very productive.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.60; Postage paid.

BLISS EVERBEARING (Late): The vines are strong, attaining a height of 2½ feet. Pods are about 3 inches long. If the first pods are picked when ready, the plants throw out new branches bearing pods which will mature in succession, which accounts for the name "Everbearing." The peas are large, wrinkled and of good flavor.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.60; Postage paid.

CARTER'S DAISY or DWARF TELEPHONE (Late): Vines 18 to 20 inches high with rather coarse foliage, medium light green in color. Pods about four inches long and well filled with large, delicious wrinkled peas.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.60; Postage paid.

CARTER'S TELEPHONE (Late Pole Peas): An excellent late, wrinkled variety for the market garden or the home use. The tall, dark green vines are coarse and very productive. The large, dark green pods are about 5½ inches long, containing 8 to 10 large peas of the highest quality.

Pkt. 10c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.60; Postage paid.

Parsley

MOSS CURLED: A very fine curled variety. One of the handsomest for garnishing purposes. The exceedingly curled leaves make it desirable.

Pkt. 10c; 1 oz. 20c; ¼ lb. 55c; 1 lb. \$1.75. Postage Paid.

Parsnips

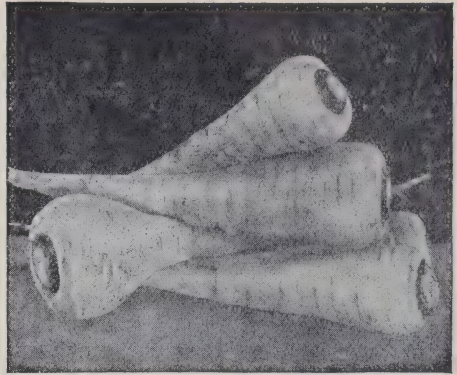
Sow as early in spring as ground can be worked, in drills about 18 inches apart. Do not cover deep. Hoe and cultivate often. Can be left in ground all winter, which improves the flavor.

HOLLOW CROWN SUGAR: This is the most popular and perhaps the best all-around variety of parsnip. Roots are long, white, smooth and tender, of excellent flavor.

Pkt. 10c; 1 oz. 20c; ¼ lb. 55c; 1 lb. \$1.60. Postage Paid.

GUERNSEY: The roots are medium long with a broad shoulder, tapered uniformly to tip. The skin is quite smooth and light in color. The flesh is fine grained, tender and sweet.

Pkt. 10c; 1 oz. 20c; ¼ lb. 55c; 1 lb. \$1.60. Postage Paid.



Hollow Crown Sugar Parsnip

Peppers

Sow in hotbed in March and when soil has become warm transplant in rows two feet apart and about 18 inches apart in row. Cultivate well. Peppers do very well in this section.

CALIFORNIA WONDER: A heavy producer of early, large, smooth fruits, of a deep green, becoming a bright crimson. Flesh thick and firm, sweet and of distinct flavor. Plants are thrifty and upright. An especially good pepper for the home garden or the market gardener.

Pkt. 10c; ½ oz. 35c; 1 oz. 65c; ¼ lb. \$2.25; 1 lb. \$7.50. Postage Paid.

RUBY KING. An early improved sort reaching a very large size, yet retaining the symmetrical shape of the smaller sorts. An old favorite.

Pkt. 10c; ½ oz. 35c; 1 oz. 60c; ¼ lb. \$2.00. Postage Paid.

CHINESE GIANT is one of the best of the large Mango peppers. Its mammoth size, splendid shape and mild flavor commend it very highly.

Pkt. 10c; ½ oz. 35c; 1 oz. 65c; ¼ lb. \$2.25. Postage Paid.

PIMENTO or PERFECTION: A medium early prolific, perfectly mild variety, with extremely thick flesh. On account of its thick flesh it will hold up for a long time and is an excellent sort for canning whole.

Pkt. 10c; ½ oz. 30c; 1 oz. 50c; ¼ lb. \$1.75. Postage Paid.

LARGE BELL or BULL NOSE: A very large sort of inverted bell shape. Suitable for filling or for mixed pickles. Flesh thick, hard and less pungent than most sorts.

Pkt. 10c; ½ oz. 30c; 1 oz. 50c; ¼ lb. \$1.75. Postage Paid.

RED CHILI PEPPER: Used in the manufacture of pepper sauce and in salads.

Pkt. 10c; ½ oz. 35c; 1 oz. 60c. Postage Paid.

LONG RED CAYENNE: An excellent hot variety, used for canning and in pickles; also drying for winter use. Plants large and very prolific. Fruits long, deep green becoming bright red; very pungent.

Pkt. 10c; ½ oz. 35c; 1 oz. 60c. Postage Paid.

Pumpkins



Small Sugar Pie Pumpkin

SMALL SUGAR PIE: A rather small but handsome variety. Shape round, skin deep orange color, flesh fine grained and sweet.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50. Postage Paid.

TENNESSEE SWEET POTATO PUMPKIN: Very hardy, productive, sweet and delicious. One of the best for cooking purposes, also an excellent variety for pies.

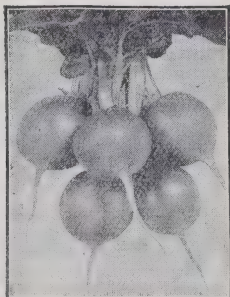
Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50. Postage Paid.

BIG TOM: One of the best varieties for field purposes. Particularly desirable for stock feeding. Grows to very large size.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.40. Postage Paid.

KING OF MAMMOTH: Grows to enormous size, the largest pumpkin in cultivation. It is always a winner at fairs and exhibitions. Exceptionally valuable for stock feeding.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.10. Postage Paid.



Radish

EARLY SCARLET TURNIP: The Standard early turnip radish, small, round, bright red, of very quick growth, crisp and tender. Scarlet turnip is a very popular radish.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.30. Postage Paid.

SPARKLER—WHITE TIPPED: One of the most popular and attractive of the early turnip sorts. The roots are of good size, bright scarlet on top, lower half white, making a very beautiful contrast.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.30. Postage Paid.

FRENCH BREAKFAST: Medium sized and very early. Shape oval or half long. Color bright red with white tip; crisp and tender. A beautiful radish and a favorite early sort.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.30. Postage Paid.

CRIMSON GIANT: This large sized turnip shaped radish does not get hollow or pithy quickly. The flesh is white, solid, crisp and of the mildest flavor. Shape varies from round to oval.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.30. Postage Paid.

CINCINNATI MARKET: The tops of this splendid radish are very small. A long, handsome, scarlet radish, ready for use about 25 days from sowing and remains in good condition until fully grown.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.30. Postage Paid.

WHITE ICICLE is a beautiful transparent white variety. From 3 to 8 inches long with small tops. Crisp and brittle and remains in good condition a long time.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.30. Postage Paid.

CHINESE ROSE WINTER: Bright rose color, Shape cylindrical or largest at bottom. One of the very best for winter use. Flesh firm, crisp and tender.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.40. Postage Paid.

CALIFORNIA MAMMOTH WHITE: First introduced into this country by the Chinese in California. It is pure white, about one foot long and 2 to 3 inches through, tapering regularly to the tip. The flesh is tender and crisp, keeping well through the winter.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.40. Postage Paid.

Rhubarb

A very good way to get rhubarb is to sow the seed in very rich soil and transplant the roots the following autumn to trenches well filled with good soil mixed with well-rotted manure.

VICTORIA or MAMMOTH: Very large, fine cooking variety. Stalks a beautiful red. Gives satisfaction everywhere.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; Postage paid.

Salsify or Oyster Plant

MAMMOTH SANDWICH ISLAND: A delicious vegetable used in stews and soups. Cultivate the same as parsnips. A part of the crop can be left in the ground until spring when it will be found fresh and plump.

Pkt. 10c; 1 oz. 50c; $\frac{1}{4}$ lb. \$1.75. Postage Paid.



Spinach

Spinach

Sow early as possible in the spring for early use or in August for fall use. If you sow in September or October, or even later, let it stand

through the winter, it will bring you very early spring greens.

KING OF DENMARK: The large leaves are round, somewhat blistered and deep green in color. The plants grow vigorously and remain in good condition over a long period.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 30c; 1 lb. 85c. Postage Paid.

BLOOMSDALE: A great favorite. Thick, dark leaves, closely crimped, very fine quality, early and lasts well.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 30c; 1 lb. 85c. Postage Paid.

LONG STANDING: Produces large thick, dark green leaves somewhat crumpled. Comes early and lasts well for summer use. Popular for market.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 30c; 1 lb. 85c. Postage Paid.

NOBLE GIANT: A very heavy yielder of large, smooth, deep green, tender leaves. The plants grow rapidly and remain in good condition a long time. An excellent variety for the home and market gardener.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 30c; 1 lb. 85c. Postage Paid.

Winter Squash

WARTY HUBBARD: A popular old standard variety. Very dark green color, skin heavily warted. A wonderful keeper and none better in quality. Flesh thick, bright yellow, dry and sweet.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 70c; 1 lb. \$2.40. Postage Paid.

DELICIOUS: Is an early medium sized oval shaped, good keeping squash. The flesh is very thick, fine grained, yellow in color and of excellent quality.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 70c; 1 lb. \$2.40. Postage Paid.

BANANA: This very popular, good keeping squash grows from one to two feet in length. The flesh is firm, orange yellow in color and of excellent quality.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.20. Postage Paid.

YAKIMA MARBLEHEAD: The Marblehead variety belong to the Hubbard family. It is, however, considerably earlier in maturity and highly resistant to curly top. The rind is quite smooth, hard, and slate gray in color. The dry, sweet, flesh is very thick and of extra good quality.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 70c; 1 lb. \$2.40. Postage Paid.

Summer and Winter Squash

TABLE QUEEN is a small dark green, acorn-shaped squash of excellent quality. The flesh is light yellow, fine grained and of good flavor. Matures early and is a good variety for late summer or early winter use.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00. Postage Paid.

Summer Squash

EARLY WHITE BUSH is earlier than many other varieties. Of dwarf habit and very productive. Color white, shape scalloped.

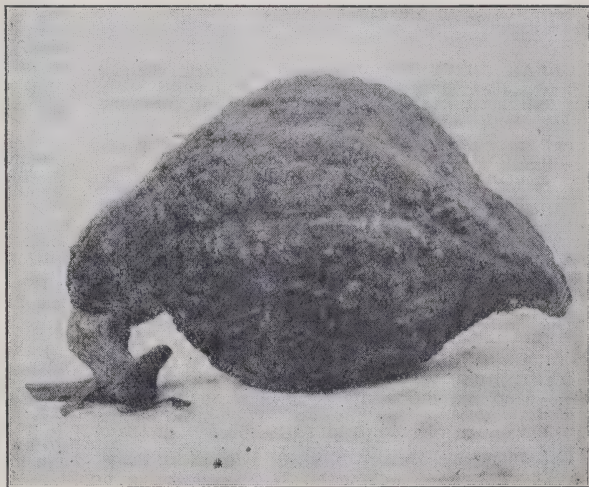
Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 55c; 1 lb. \$1.70. Postage Paid.

EARLY YELLOW SUMMER CROOKNECK: Early and prolific. The fruits are true crookneck type, heavily warted and of a light golden orange color. Of excellent quality.

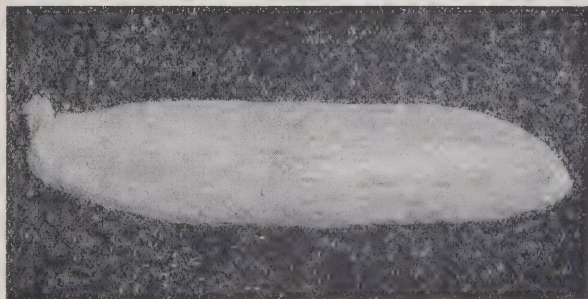
Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 55c; 1 lb. \$1.70. Postage Paid.

BLACK ZUCCHINI: The long, slender fruits are dark green in color and the flesh is very tender and of excellent flavor if picked when 4 to 6 inches long. A bush type and very prolific.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 55c; 1 lb. \$1.70. Postage Paid.



Warty Hubbard Squash



Banana Squash



John Baer Tomato

Tomatoes

BREAK O'DAY: The fruits of this early variety are of globe shape, smooth large and solid with a small seed cavity. The vines are of medium foliage and very prolific.

Pkt. 10c; 1 oz. 55c; $\frac{1}{4}$ lb. \$1.80; 1 lb. \$6.60. Postage Paid.

BURBANK: A very early, productive tomato of excellent quality. Bright crimson, smooth, unusually heavy and firm with few seeds. Keeps well and a good shipper. Very resistant to wilt and other diseases. Has the unusual feature of being easily peeled.

Pkt. 10c; 1 oz. 60c; $\frac{1}{4}$ lb. \$1.90; 1 lb. \$7.00. Postage Paid.

MARGLOBE: A very wilt resistant, handsome, large deep red globe shaped tomato. The plants are dark green, vigorous and very productive. The fruits are very solid and of excellent quality.

Pkt. 10c; 1 oz. 55c; $\frac{1}{4}$ lb. \$1.70; 1 lb. \$6.20. Postage Paid.

JOHN BAER TOMATO: An extra early tomato of remarkable quality, perhaps the most popular variety in this section. Fruit large, smooth, firm and of a bright red or scarlet color. It's hard to beat the John Baer.

Pkt. 10c; 1 oz. 55c; $\frac{1}{4}$ lb. \$1.80; 1 lb. \$6.60. Postage Paid.

PRITCHARD or SCARLET TOPPER: This very popular, wilt-resistant variety has the self-topping habit which prevents excessive vine growth. The medium sized, smooth, globe shaped fruits are bright red in color and of excellent quality. It is a very heavy yielder and a good variety for the home or market gardens.

Pkt. 10c; 1 oz. 55c; $\frac{1}{4}$ lb. \$1.80; 1 lb. \$6.60. Postage Paid.

PONDEROSA: A purplish pink tomato of enormous size. Medium early, a good bearer and of good flavor. Ponderosa has many admirers, and if one wants a very large tomato this variety is unequalled.

Pkt. 10c; $\frac{1}{2}$ oz. 35c; 1 oz. 65c; $\frac{1}{4}$ lb. \$2.20. Postage Paid.

OXHEART TOMATO: The fruits are very large, smooth and solid with very few seeds, some weighing 2 lbs. each and a purplish scarlet in color, with a distinct oxheart shape and of excellent flavor.

Pkt. 15c; $\frac{1}{2}$ oz. 45c; 1 oz. 80c; $\frac{1}{4}$ lb. \$2.75. Postage Paid.

BONNY BEST: An early general purpose tomato, particularly valuable for canning and as a forcing variety under glass; fruit medium size of flattened globe shape, smooth, firm and ripens evenly close up to the stem, color bright deep scarlet red; a vigorous grower, very prolific and uniform in size.

Pkt. 10c; 1 oz. 55c; $\frac{1}{4}$ lb. \$1.80; 1 lb. \$6.60. Postage Paid.

EARLIANA: This is the earliest of all tomatoes, without doubt. Large in size and beautiful in color, nearly seedless and very solid and vigorous grower and a heavy yielder. A great favorite in this locality.

Pkt. 10c; 1 oz. 60c; $\frac{1}{4}$ lb. \$1.90; 1 lb. \$7.00. Postage Paid.

YELLOW PEAR TOMATO: A small yellow pear-shaped variety used for preserving.

Pkt. 10c; $\frac{1}{2}$ oz. 35c; 1 oz. 65c; $\frac{1}{4}$ lb. \$2.10; Postage paid.

HUSK TOMATO or GROUND CHERRY: Fruit golden yellow, size of a cherry. Fine for pies or preserves. Easy to grow—simply sow them and let them grow.

Pkt. 10c; $\frac{1}{2}$ oz. 35c; 1 oz. 65c; $\frac{1}{4}$ lb. \$2.10; Postage paid.

Garden Huckleberry

The seed should be started in boxes or cold frames and set out the same as tomatoes. The bushes are about 3 feet tall, which bears bunches of black berries, tomato-shaped, $\frac{1}{2}$ to $\frac{3}{4}$ inch in diameter, which make excellent pies and preserves. The culture is the same as with the tomato.

Pkt. 10c; $\frac{1}{2}$ oz. 35c; 1 oz. 65c; Postage paid.

Turnip

PURPLE TOP WHITE GLOBE: An early variety. Globe-shaped, heavy cropper. A handsome looking bulb, grows quite large. Good for both table and stock feeding.

Pkt. 5c; 1 oz. 15c; ¼ lb. 35c; 1 lb. \$1.00. Postage Paid.

PURPLE TOP STRAP LEAVED: Rapid grower and of mild flavor. Good for both table use and stock feeding. A large variety and an old favorite.

Pkt. 5c; 1 oz. 15c; ¼ lb. 35c; 1 lb. \$1.00. Postage Paid.



EARLY WHITE EGG: A favorite early turnip with our trade. It is oblong in shape; skin very white; flesh firm, sweet.

Pkt. 5c; 1 oz. 15c; ¼ lb. 35c; 1 lb. \$1.00. Postage Paid.

EARLY SNOWBALL: A perfectly globe-shaped white-skinned turnip. Exceedingly productive. The flesh is fine grained, firm and of very delicate flavor.

Pkt. 5c; 1 oz. 15c; ¼ lb. 35c; 1 lb. \$1.00. Postage Paid.

AMBER GLOBE: One of the best yellow-fleshed varieties. The roots are of a large size and globular shape. The skin is clear yellow except the top, which is tinged with green. The flesh is light yellow, fine grained and sweet. This variety keeps well and is a good cropper.

Pkt. 5c; 1 oz. 15c; ¼ lb. 35c; 1 lb. \$1.00. Postage Paid.

Rutabaga or Swedish Turnip

IMPROVED AMERICAN: This is a fine purple topped variety. Flesh yellow and very sweet; one of the best sorts for table use, also for stock feeding.

Pkt. 5c; 1 oz. 15c; ¼ lb. 35c; 1 lb. \$1.00. Postage Paid.

Number of Plants Required to the Acre

Distance Apart—	No. of Plants
1 foot by 1 foot	43,560
1½ feet by 1½ feet	19,360
2 feet by 1 foot	21,780
2 feet by 2 feet	10,890
2½ feet by 2½ feet	6,960
3 feet by 2 feet	7,600
3 feet by 3 feet	4,840
4 feet by 4 feet	2,720
5 feet by 4 feet	2,178
5 feet by 5 feet	1,740
6 feet by 6 feet	1,210
8 feet by 8 feet	680

Number of Plants Produced From an Ounce of Seed

Asparagus, about	300
Cabbage, about	2,000
Cauliflower, about	2,000
Celery, about	3,000
Egg Plant, about	1,000
Pepper, about	2,000
Tomato, about	3,000
Sage, about	1,000

DEPTH FOR PLANTING VEGETABLES

Inches	Inches
Beans 1½	Kohl Rabi ¼
Beets ½ to ¾	Lettuce ¼ to ½
Swiss Chard ½ to ¾	Muskmelon 1½
Broccoli ¼ to ½	Mustard ¼
Brussels Sprouts ¼ to ½	Okra 1½
Cabbage ¼ to ½	Onion Seed ½
Carrot ¼ to ½	Parsley ¼
Cauliflower ¼ to ½	Parsnip ½
Celery ½	Peas 2
Chickory-Witloof ¼	Radish ½ to ¾
Collards ¼	Salsify ¼ to ½
Corn 2	Spinach ¾
Cucumber ¾ to 1	Squash 1½
Egg Plant ½	Tomato ½
Endive ¼	Turnip ¼
Kale ¼	Rutabaga ¼

SURE CROPS

3 weeks earlier TO MARKET

With Germaco HOTKAPS

Each HOTKAP is a small hothouse, increasing yield 18% to 51%. HOTKAPS ripen crops 3 weeks earlier, bringing high prices and premium profits. Frost can't harm.

Insects can't touch. Rain can't hurt your plantings. Keep a perfect mulch around plants and prevents ground crusting. Increased profits pay for them. Millions used every year. Good for the home gardners on small plots, too.

1,000 lots, \$11.00; 250 Pkg., with Fibreboard Setter, \$3.50; 100 Pkg. with Fibreboard Setter \$1.95; Home Garden Pkg. of 25 and Paper Setter, 50c. Prices F.O.B. Twin Falls.

Germaco

Hotkaps

Shipping weight of Hotkaps: Pkg. of 25 Hotkaps weight, 2 lbs.; Pkg. of 100 Hotkaps, weight 5 lbs.; Pkg. of 250 Hotkaps, weight 9 lbs.; Pkg. of 1,000 Hotkaps, weight, 28 lbs.

Fibreboard Hotkap Garden Setter; Price 15c; F.O.B. Twin Falls. Shipping weight 1 lb.





ANNUAL FLOWER SEEDS

We obtain our flower seeds from the best flower seed growers and dealers and handle nothing but the finest strains. Our stock is bought in bulk and packaged by ourselves.

ALYSSUM

ALYSSUM—LITTLE GEM: An extra fine strain, the very finest. Dwarf, compact plants, producing a mass of pure white bloom from spring until fall frost. Fine for borders, edging and ornamental work.

Pkt. 10c; $\frac{1}{4}$ oz. 35c; $\frac{1}{2}$ oz. 65c.

ALYSSUM—VIOLET QUEEN: A new dwarf, compact variety, especially well suited for borders and bedding purposes. The very pretty, bright violet flowers are very pleasing and fragrant.

Pkt. 15c; $\frac{1}{4}$ oz. 35c.

ANTIRRHINUM-SNAPDRAGON

Rust Resistant

ANTIRRHINUM—SNAPDRAGON: This fine old-fashioned flower blooms continuously until late in the fall. Grows two or three feet tall. The long spikes of brilliant colored flowers are valuable for cutting. Sown in early spring it blooms freely the first season and will live throughout the winter, coming on again the next season.

Copper Bronze, Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c.

Yellow, deep yellow, Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c.

Deep Scarlet, Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c.

White, pure white, Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c.

Pink, pure pink, Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c.

Deep Rose, Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c.

Spotlight, Vivid Red, Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c.

Snapdragons — Finest Mixed: Containing all choice rust resistant varieties. Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c.

AGERATUM

AGERATUM: An early, constant bloomer. During the summer months the bright flowers are produced in the greatest profusion. The dwarf varieties are desirable for borders and edging and the tall varieties are fine for cut flowers.

Dwarf Sorts Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 50c.

Tall Sorts Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 25c.

AGERATUM-MIDGET BLUE: A very fine dwarf Ageratum growing from 3 to 4 inches high with delicate fine foliage, which is practically smothered with small true ageratum blue flowers. Especially good for borders, edging, etc., and will come uniformly dwarf and true to color from seed.

Pkt. 15c; $\frac{1}{16}$ oz. 50c.

ARCTOTIS

"Blue Eyed African Daisy"

It forms many branch bushes, 2 to 3 feet high. It's daisy-like flowers are pearly white with a gold band surrounding a delicate mauve center. Foliage gray-green. Especially good cut flower.

Pkt. 10c; $\frac{1}{4}$ oz. 25c.



Antirrhinum Snapdragon

ASTERS

SPECIAL MIXED ASTERS: This is a special mixture of the distinct colors of the tall growing Asters, selected from the American Beauty, Giants of California, Ostrich Feather, King, Giant Branching and other desirable sorts.

Pkt. 15c; $\frac{1}{8}$ oz. 45c.

QUEEN OF THE MARKET: An early aster of graceful spreading habit. Colors run white, pink, crimson, scarlet, light blue, lavender and dark blue. We carry this strain in the mixture only.

Pkt. 10c; $\frac{1}{4}$ oz. 50c.

GIANT COMET ASTERS: The large, double flowers are of the finest type, resembling Chrysanthemums in size and appearance.

Giant Comet, Special Mixture of many colors, Pkt. 10c; $\frac{1}{4}$ oz. 50c.

CREGO ASTERS: This type of Aster produces flowers of immense size, borne on stems 12



Asters

inches or more in length. Petals are wonderfully curled and twisted, resembling Chrysanthemums. Blooms from late August to October.

White	Deep Rose	Lavender
Pink	Crimson	Purple
	Blue Flame	

Each of the above, Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.
Mixed all colors, Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 65c.

CALIFORNIA GIANT ASTERS: The flower is of the Crego or Ostreich Feather type, but more substantial and larger, measuring 5 to 6 inches in diameter combined with the robust habit of growth and length of stem that characterizes the Beauty type. A splendid cut flower.

White	Light Blue
Deep Rose	Peach Blossom
Dark Purple	Crimson

Each of the above, Pkt. 15c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 90c.
Mixed all colors, Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 80c.

HEART OF FRANCE ASTER: The large beautiful, deep ruby red, well rounded and fully double blooms are borne on extra large stems and are excellent for cutting. The plants are of the branching type and very robust habit.

Pkt. 15c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 90c.

ASTERS, SINGLE GIANTS OF CALIFORNIA: The large flowers are from 3 to 4 inches in diameter, made up of graceful petals surrounding a small, yellow, contrasting center. Bloom profusely in midseason. The plants are branching, $2\frac{1}{2}$ feet tall.

Mixed all colors, Pkt. 10c; $\frac{1}{8}$ oz. 30c.

ASTERS, GIANT CALIFORNIA SUNSHINE: The large flowers are 4 or more inches across with loosely placed outer petals, contrasting with the creamy yellow or blue centers, which are composed of many showy tiny quills. The plants grow from $2\frac{1}{2}$ to 3 feet high and bear blossoms on stiff stems 18 to 20 inches long. Excellent for cutting. Mixed, all colors.

Pkt. 15c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 90c.

IMBRICATED POMPOM ASTERS: The upright plants often produce as many as 20 small pompom flowers of various shades to the plant. Blossoms very early. Excellent for cutting and has unusual keeping qualities. Height 15 inches.

Mixed all colors,
Pkt. 15c; $\frac{1}{8}$ oz. 50c.

BALSAM—"LADY SLIPPER"

LADY SLIPPER: Beautiful half hardy annuals from one and a half to two feet in height. Sow seed early in spring and protect against frost. All best varieties mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

CASTOR BEAN (See Ricinus)

CANDYTUFT

Showy, hardy annuals, very useful for edging and masses; excellent for cutting. Continuous bloom from July to October.

Giant Hyacinth Flowered White, Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Finest Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 30c.

CALENDULA—"POT MARIGOLD"

One of the finest free flowering, hardy, annuals, producing a fine effect in beds or borders. The flowers are ball shaped and of a bright glistening orange color.

Special Mixture, Pkt. 10c; $\frac{1}{4}$ oz. 40c.

CLARKIA

Very popular as a summer annual, very hardy and easy to grow in ordinary garden soil. Plants grow about two feet high. Are very profuse bloomers and are exceedingly bright and attractive, especially in large masses.

Special Mixture, all colors, Pkt. 10c; $\frac{1}{8}$ oz. 40c.



Carnation

CARNATION

Giant Margaret Mixed—These Carnations have created a sensation, not only on account of their beautiful colors, but unlike all others, they bloom in about four months from sowing the seed. Blooms until checked by frost.

All colors, Mixed, Pkt. 15c; $\frac{1}{8}$ oz. 55c.

CALIFORNIA POPPY

Eschscholtzia

Is the state flower of California. A free flowering plant of low spreading growth.

Golden West: The yellow-orange centered flowers are produced from early spring until frost. Finest yellow.

Pkt. 10c; $\frac{1}{2}$ oz. 40c.

California Poppy—New Hybrid Mixture—Erect, dwarf growing. This splendid mixture is made up from separate varieties of many colors.

New Hybrid Mixture, Pkt. 10c; $\frac{1}{4}$ oz. 50c.

CYPRESS VINE

A most beautiful and popular tender climber, with delicate, fern-like foliage and numerous bright red and white star-shaped flowers.

Mixed, Pkt. 15c; $\frac{1}{8}$ oz. 50c.

CENTAUREA—BACHELORS BUTTON

Know as Ragged Sailor or Cornflower. One of the most popular old-fashioned flowers. Easy to grow and always furnishes an abundance of bright, cheerful blooms. Colors run to blues and pinks.

Finest Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 30c.

Centaurea Imperialis Sweet Sultan, See page 25.



Cosmos

CALLIOPSIS

One of the most showy of all annuals, the colors being so striking as seldom to be passed without remark.

Finest Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 35c.

CARDINAL CLIMBER

The foliage of this fine annual vine is very delicate and beautiful, will attain a height of 15 to 20 feet in a season. The leaves are of a lacy appearance. The flowers are like small Morning Glories, bright cardinal in color.

Pkt. 15c; $\frac{1}{8}$ oz. 50c.

COSMOS

COSMOS-EARLY FLOWERING SINGLE: A very effective flowering plant with beautiful foliage, growing about 3 feet high, literally covered with large daisy-like flowers in shades of red, white and pink. Excellent as a cut flower.

Best early Single Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 20c.

COSMOS — EARLY FLOWERING DOUBLE: Grows to a height of about 3 feet, forming a perfect bush, bearing beautiful double crested flowers of good size, on long stems. In shades of crimson, pink and white.

Best Early Double Mixed, Pkt. 15c; $\frac{1}{8}$ oz. 40c.

**COBAEA—CATHEDRAL BELL
"Vine"**

One of the handsomest and most rapid-growing climbers. The flowers are bell-shaped and of a purplish, lilac color when full grown. It is a very prolific bloomer and vigorous in vines and flowers.

A hardy annual, Pkt. 10c; $\frac{1}{8}$ oz. 25c.

COXCOMB

CRESTED COXCOMB or CELOSIA are interesting and brilliant annuals, which form flower heads that have the resemblance of a roosters comb. In texture they are like plush or chenille. Fine for borders or edging.

Best Selected Mixture of Tall Sorts, Pkt. 10c; $\frac{1}{8}$ oz. 30c.

CRESTED COXCOMB, EMPRESS: The dwarf plants grow about 12 inches high, have dark bronze foliage and large combs of deep, velvety crimson-purple.

Empress, Dwarf, Pkt. 10c; $\frac{1}{8}$ oz. 45c.

DAHLIA

DOUBLE AND SINGLE MIXED: Sow the seed early in pots or boxes or under glass and transplant in rich soil and plants will bloom the first season. They are very striking and entirely new varieties are sometimes produced from seed.

Best Double and Single Mixed, Pkt. 20c; $\frac{1}{16}$ oz. 65c.

DIANTHUS

DIANTHUS — DOUBLE ANNUAL GARDEN PINKS: The flowers of this popular annual are distinguished for their brilliant contrasting variety of colors, appearing in each flower. Starts blooming very early and continues until frost.

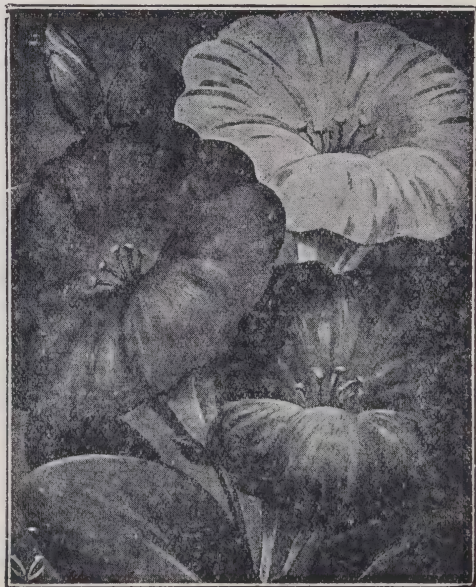
Best Special Mixture, all double varieties, Pkt. 10c; $\frac{1}{8}$ oz. 30c.



Dianthus Double Annual Garden Pink

DIANTHUS—ANNUAL PINKS: This excellent annual blooms continually all summer long and is very beautiful, fragrant and lasting as a cut flower. Of easy culture.

Special Mixture, double and single mixed, Pkt. 10c; $\frac{1}{8}$ oz. 35c.



Four o'Clock

FOUR O'CLOCK, "Marvel-of-Peru"

Marvel-of-Peru: An old and well-known favorite. Fine trumpet-shaped flowers in many colors, making a fine summer hedge. Set one foot apart, Sow as soon as danger of frost is past. Bloom first season from seed.

Best Mixed, Pkt. 10c; $\frac{1}{2}$ oz. 20c; 1 oz. 35c.

GERANIUM

Giant Flowering Mixed: This exceptionally fine mixture is made up of many colors of a select giant flowering strain. They are very easily raised and will produce flowers the first year from seed.

Best Special Mixture, Pkt. 15c; $\frac{1}{16}$ oz. 50c; $\frac{1}{4}$ oz. 90c.

GYPHOPHILLA

(Angel's Breath or Baby's Breath): Graceful plants of light, fairy-like growth. Much in demand for cutting and combining with other flowers for bouquets and vases. Very easy to grow and very popular.

Elegans, Large Flowering White, Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Elegans, Vivid Rose, Pkt. 10c; $\frac{1}{8}$ oz. 30c.

GODETIA

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in rather poor soil. Many colors mixed.

Double Gladiolus Flowered Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 30c.

GOURDS

Very desirable for places where an immense amount of vines is wanted quickly. The flowers are often beautiful and the fruit ornamental and sometimes useful.

Best Mixed, Pkt. 10c; $\frac{1}{2}$ oz. 30c.

HELIANTHUS

DOUBLE SUNFLOWER: These dwarf double sunflowers are very showy and attractive and worthy of a place in every garden. Produce immense ball-shaped yellow blooms.

Finest Double Mixed, Pkt. 10c; $\frac{1}{2}$ oz. 35c.

HELIOTROPE

Deliciously fragrant flower of rich purple hue. The flowers and leaves have a mossy effect. Bloom from seed the first summer if sown early in spring.

Dark Flowering Varieties Mixed, Pkt. 15c; $\frac{1}{16}$ oz. 40c.

KOCHIA or BURNING BUSH

Summer Cypress or Burning Bush. Forms dense bushes of cypress-like appearance. During early fall they change to carmine and blood red.

Pkt. 10c; $\frac{1}{2}$ oz. 30c; 1 oz. 50c.

ANNUAL LARKSPURS

The flowers are remarkable for their great beauty, diversity of shades and striking appearance. Desirable for mixed borders. Flowers grow on long spikes and run through various shades of blue, pink and white.

Giant Hyacinth Flowered, Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 40c.

LARKSPURS GIANT IMPERIAL

THE GIANT IMPERIAL is an excellent variety for cut flowers as the flower stems, three to four feet long, branch from the base of the plants.

GIANT IMPERIAL, GLORIA IMPROVED, rich deep salmon rose.

GIANT IMPERIAL DAZZLER, a rich scarlet.

GIANT IMPERIAL, MISS CALIFORNIA, deep pink, shaded salmon.

GIANT IMPERIAL, WHITE KING, pure glistening white.

GIANT IMPERIAL, BLUE SPIRE, deep oxford blue.

Any of the above, Pkt. 10c; $\frac{1}{4}$ oz. 45c.

Giant Imperial Mixed, Many colors, Pkt. 10c; $\frac{1}{4}$ oz. 45c.

LINUM or FLOWERING FLAX

Crimson flax, one of the handsomest annuals ever introduced. Fine foliage, brilliant scarlet flowers. A mass of bloom all summer long.

Rubrum, Crimson Flax, Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Grandiflorum Coeruleum, Blue Flax, Dainty Flower of pale blue, Pkt. 10c; $\frac{1}{4}$ oz. 25c.

LOBELIA

These are charming little plants covered with numerous small blue blossoms all summer. They flower from seed the first year. Used extensively for borders.

Bedding Queen, Dwarf Flowers of deep purple with white eye, Pkt. 10c; $\frac{1}{8}$ oz. 60c.

Blue Gown, Clear deep blue, without eye, fine compact habit, Pkt 15c; $\frac{1}{16}$ oz. 50c.

MOON FLOWER

A beautiful, rapid annual climber. The very dense foliage is covered with large, white flowers every evening and cloudy days. The seed should be notched and soaked in warm water for 24 hours before planting to assist rapid germination.

Giant White, Pkt. 10c; $\frac{1}{2}$ oz. 30c; 1 oz. 50c.



Marigold (Crown of Gold)

MARIGOLD

MARIGOLD—TALL AFRICAN: The Marigolds are old favorites, free flowering annual of easy culture. Bloom all season and are very showy with their large yellow and orange blossoms.

Tall African Mixed, large double flowers, Pkt. 10c; $\frac{1}{4}$ oz. 60c.

FRENCH MARIGOLD: A dwarf growing strain of Marigolds, more graceful than the tall African variety and of a wider range of color running from the bright yellow into browns. Very attractive as cut flowers.

Dwarf Fench, Single and Double mixed, Pkt. 10c; $\frac{1}{4}$ oz. 40c.

MARIGOLD, Crown of Gold: The first Marigold to have odorless foliage. The beautiful, large

orange colored flowers have centers of short, quilled petals, with a collar of flat guard petals on the outside. The plants grow about 2 feet tall.

Pkt. 10c; $\frac{1}{4}$ oz. 40c.

SUPREME MARIGOLD: The large, brilliant, lemon yellow blooms are 4 inches across, with broad, loose frilled petals, and have a mild honey fragrance. The plants are vigorous, with foliage practically free from the marigold odor.

Yellow Supreme, Lemon Yellow, Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 50c.

Orange Supreme, Deep Orange, Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 80c.

MARIGOLD—SUPREME MIXED: A splendid mixture containing Orange Supreme, Golden Supreme, Primrose Supreme and other shades. The flowers are 4 to 5 inches across with big, frilled petals.

Supreme Mixed, Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 80c.

MIGNONETTE

No garden is complete without this fragrant plant. Very free flowering and easily raised. An old favorite. Machet Select. This is the finest of sorts.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

MYOSOTIS—Forget-me-not

One of the best spring flowers and especially effective when grown in masses. Excellent for beds and borders. Forget-Me-Nots do best in cool, moist soils and half shade, blooming most freely during the spring and fall months.

Alpestris Mixed, Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

MORNING GLORIES

FINEST TALL MIXED MORNING GLORY. The climbing plants are unequalled for rapidity of growth and production of blooms, covering a wide range of colors. Annuals, attaining a height of 20 to 30 feet.

Finest Mixed, Tall growing, Pkt 10c; $\frac{1}{2}$ oz. 20c; 1 oz. 30c.

PEARLY GATES MORNING GLORY: The enormous flowers are a lovely white with a creamy shading deep down in the throat, which average four and one-half inches across. The vigorous fast climbing vines produce abundance of bloom from the middle of summer until frost. The leaves are heart-shaped and fresh light green in color.

Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

HEAVENLY BLUE MORNING GLORY: The large, bright flowers are a true deep blue with a white throat, measuring $3\frac{1}{2}$ to 4 inches across and exceptionally pretty. They blossom profusely and for a long season.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

SCARLET O'HARA MORNING GLORY: The rich wine red or deep crimson colored flowers, from $3\frac{1}{2}$ to 4 inches across, are produced freely on the rapid growing vines until frost. They are very showy for covering a fence or trellis. The dark green foliage does not make a heavy growth, giving the plants a graceful appearance.

Pkt. 15c; $\frac{1}{4}$ oz. 50c.

NASTURTIUMS

NASTURTIUMS: No garden is complete without this attractive and popular annual. Its varied and brilliant colors, its refreshing odor makes it desirable for table decoration. Blooms continue until frost.

Tall Double and Single, Mixed, finest strains, Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c.

Dwarf Double and Single, Mixed finest strains, Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c.

TALL DOUBLE NASTURTIUMS—Gleam Type: This new plant produces a mass of large, semi-double, sweet scented flowers from two and one-half to three inches across. They are borne on erect, stiff stems, six inches in length, stand-

ing well above the foliage, which are splendid for cutting.

Double Golden Gleam, Rich Golden Yellow, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Double Mahogany, Dark Mahogany Red, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Double Scarlet, Fiery Orange Scarlet, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

NASTURTIUMS — Double Gleam Hybrids: A splendid mixture of large, double sweet scented blooms, on long stems, in gorgeous colors of salmon, golden yellow, orange, scarlet, cerise, cream, yellow and crimson.

Double Glorious Gleam Hybrids, Mixed, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

NIGELLA—"Love in a mist"

The plants of this hardy old-fashioned annual are compact and free flowering, with finely cut foliage and attractive large semi-double flowers.

Double Mixed, White and various shades of blue, Pkt. 10c; $\frac{1}{4}$ oz. 35c.

Nigella, Miss Jekyll, a lovely cornflower, blue on long stems, Pkt. 10c; $\frac{1}{4}$ oz. 40c.

NICOTIANA—Sweet Scented Tobacco

One of the easiest annuals to raise, and one of the most effective. The blossoms in shape are like a Petunia blossom, but with a longer tube. The flowers open toward evening and emit a powerful perfume.

Affinis Hybrids, Mixed in shades of white, red and rose, Pkt. 10c; $\frac{1}{8}$ oz. 25c.

PETUNIAS

PETUNIA: For outdoor decorations or house culture few plants are equal to this class. They commence to bloom early and continue to flower through the entire summer and fall.

Petunia, Hybrids, finest mixed, Pkt. 10c; $\frac{1}{8}$ oz. 90c; $\frac{1}{4}$ oz. \$1.50.

DWARF CALIFORNIA GIANTS MIXED PETUNIAS: A special mixture of colors of the large flowering and fringed sorts. We are sure no other Petunia mixture can produce flowers of a wider range of colors and markings.

Special Mixture, Pkt. 25c; 3 pkts. for 65c.

PETUNIA, LARGE FLOWERING SINGLE: Excellent for bedding and pot plants.

BURGUNDY, rich wine red.

DWARF PINK GYORY, bright rose pink.

DWARF ELK'S PRIDE, velvety violet.

IMPROVED SNOWSTORM, pure white.

BLACK PRINCE, deep velvety red.

Any of the above, Pkt. 25c; 3 pkts. for 65c.



Giant Pansy

PANSIES

PANSIES: Seed sown in the open ground in early spring will give fine blossoms in late summer or autumn and a good crop of flowers the following season. Plant in a half shady place and keep well watered.

SPECIAL PANSY MIXTURE: A very choice mixture made up of a number of extra good giant strains.

Special Mixture, Pkt. 20c; 1/16 oz. 75c; 1/8 oz. \$1.30.

GIANT PANSY MIXTURE: Our Giant Mixed embraces all shades, and a great many special strains of the largest and finest sorts known. For great size of blooms and beautiful types this mixture cannot be surpassed.

Giant Mixture, Pkt. 25c; 1/16 oz. \$1.00.

PHLOX DRUMMONDI

This brilliant annual continues to bloom long after most flowering plants are gone, making it a splendid bedding plant. Is easily grown and can be sown as early in the spring as the ground can be worked.

Finest Mixed, all colors, Pkt. 15c 1/16 oz. 50c; 1/8 oz. 85c.

POPPIES

ANNUAL POPPIES: Showy, large, brilliant, colored flowers, growing freely in any garden soil. Produces a fine effect in clumps or beds.

Best Single Shirley Mixed, Pkt. 10c; 1/4 oz. 25c.
Double Shirley Hybrids, Mixed, Pkt. 10c; 1/4 oz. 30c.

FLANDERS POPPY: This brilliant scarlet red poppy is the famous poppy of the battlefields of Flanders. It is a single annual.

Pkt. 10c; 1/4 oz. 25c.

PORTULACA—ROSE MOSS

This plant will grow and bloom profusely in a dry, hot situation. The plants are of a dwarf spreading habit of growth, flowers of double sorts are like a small rose, with its many brilliant colors. Portulaca makes a beautiful attraction.

Best Double Mixed, Pkt. 15c; 1/16 oz. 45c; 1/8 oz. 75c.

RICINUS or CASTOR BEAN

Stately, strong growing plants with very ornamental foliage; well adapted as center plants for beds and give a garden a tropical appearance. The giant leaves often measure two to two and a half feet across.

Pkt. 10c; 1 oz. 25c; 1/4 lb. 75c.

SCHIZANTHUS—Butterfly Flower

This beautiful and showy annual is one of

the most charming flowers for the garden in summer or for the house in winter. The seed germinates readily and in a few weeks the plant is a mass of small but bright flowers in a range of colors all blotched and marked in contrasting shades.

Giant Hybrids Mixed, Pkt. 15c; 1/16 oz. 50c.

SCABIOSA

SCABIOSA — MOURNING BRIDE: Commonly known as the Pin Cushion Plant. The flower stems are long and blossoms keep well in water. When kept well picked will continue to bloom through the summer. Colors range white, yellow, flesh, scarlet, azure, red, crimson and rose.

Finest Strains Mixed, Pkt. 10c; 1/4 oz. 40c.

SCABIOSA, Double Large Flowering—

Blue Moon, rich lavender blue, Pkt. 10c; 1/4 oz. 45c.

Pompadour, black purple, white tipped, Pkt. 10c; 1/4 oz. 45c.

Salmon Beauty, pure salmon, giant flowered, Pkt. 10c; 1/4 oz. 45c.

Rosette, deep rose suffused salmon, Pkt. 10c; 1/4 oz. 45c.

Shasta Improved, pure white, enormous size, Pkt. 10c; 1/4 oz. 45c.

SCARLET RUNNER BEAN

A very hardy annual climber of the bean family; grows rapidly, foliage is quite dense; covered with brilliant scarlet flowers throughout the season. A splendid vine for porches and trellises.

1 oz. 10c; 1/4 lb. 25c.

STRAW FLOWER or EVERLASTING HELICHRYSUM

Excellent for winter bouquets. As the name indicates, when dried they retain their natural colors, and are practically everlasting. Cut before fully expanded, tie in bunches and hang in a warm, dry room.

Special Mixture, of the best and popular shades, Pkt. 10c; 1/4 oz. 50c.

GIANT SWEET SULTAN

The flowers in a way resemble Centaurea or Bachelor Button, but very much larger and finer. One of the hardest and most beautiful annuals. Very hardy and easily grown.

Imperialis Mixed, Pkt. 10c; 1/4 oz. 30c.

SALVIA or SCARLET SAGE

Of dark green foliage, producing abundance of bright scarlet flowers, born on long spikes, fine for a brilliant color effect. Height about two feet.

Bonfire, finest strain, Pkt. 20c; 1/8 oz. \$1.00; 1/4 oz. \$1.75.



Scabiosa



Stocks

SALPIGLOSSIS

Only nature can paint its wonderful colors. The beautiful flowers are veined with a glint of gold and are tube shaped, much like a Petunia. Sow seed in open ground in the spring. Blossoms in early summer and continues until frost.

Best Special Mixture, Pkt. 10c; $\frac{1}{8}$ oz. 35c.

STOCKS

The Stocks represent all the desirable qualities of a flower. The plants have good growing habits, fine dull, glossy leaves. The flowers appear on long, stiff stalks like small rosettes; are exceedingly fragrant and range through a most complete scale of all the soft distinct shades. The spicy fragrance of Stocks perfume the whole garden and the abundance of beautiful bloom adds greatly to its attraction.

Dwarf 10 weeks stocks, Finest Mixed, all colors, Pkt. 10c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 85c.

Giant Perfection Stocks, finest mixed, all colors, Pkt. 10c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 90c.

VERBENAS

VERBENA GIANT FLOWERED: Very few plants will make such a gorgeous display during the summer months as Verbenas or furnish more flowers for cutting. Sow seed in open ground in May. They begin flowering in July and are a riot of bloom until after frost.

GIANT FLOWERED, BEAUTY OF OXFORD HYBRIDS. Color varies from rose pink to rose red. Pkt. 15c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

GIANT FLOWERED, FLORADALE BEAUTY, bright rose pink.

Pkt. 15c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

Giant Flowered Lucifer, bright scarlet, Pkt. 15c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

Giant Flowered Blue, with white eye, Pkt. 15c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

Giant Flowered Salmon Pink, Pkt. 15c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

Giant Flowered White, Pkt. 15c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

Giant Flowered Mixed, all colors, Pkt. 15c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

VENIDIUM

Postuesum Hybrids: A showy plant of grey-green, silky foliage and brilliant flowers, 4 to 5 inches in diameter, with purple-black centers and colors of white, cream, lemon yellow, orange and buff. Very lasting cut flower 2 to 3 feet in height.

Pkt. 20c; $\frac{1}{16}$ oz. 60c; $\frac{1}{8}$ oz. \$1.00.

VIOLAS

Carnuta Type are very popular for use in the foreground of the border in beds and in rock gardens. They are easily grown and bloom all through the summer until hard frost. They are of dwarf, spreading habit and bloom first year from seed.

Blue Perfection, medium clear blue, Pkt. 20c; $\frac{1}{16}$ oz. 70c; $\frac{1}{8}$ oz. \$1.25.

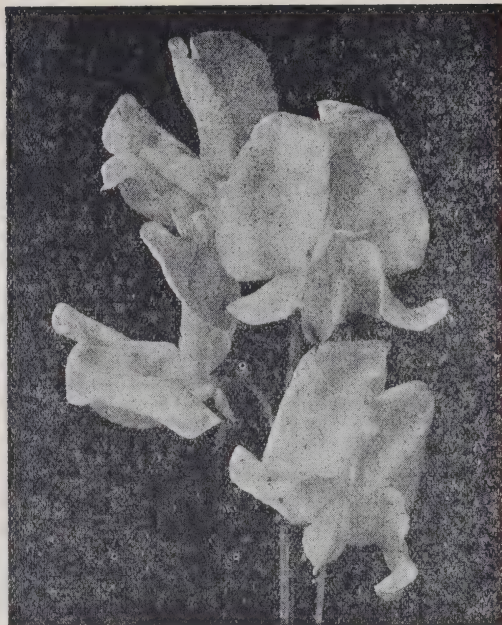
Special Mixture, all colors mixed, Pkt. 20c; $\frac{1}{16}$ oz. 70c; $\frac{1}{8}$ oz. \$1.25.

SWEET PEAS

Sow as early in spring as possible, the earlier the better. Soil should be very rich and peas planted deep, 4 to 5 inches; the ground should be well mulched with well rotted manure. Sweet Peas will bloom from spring until snow flies if properly handled. Sow 1 ounce to 10 feet of row.

SWEET PEAS—SPECIAL MIXTURE of Spencer Varieties: This mixture is one of the best. Contains all colors in right proportions and makes a beautiful display.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; $\frac{1}{2}$ lb. \$1.25.



Sweet Peas

SWEET PEAS—PRIZE MIXTURE of Spencer Varieties. This splendid mixture contains the cream of the new standard sorts of the large flowering Spencer strains; also many of the early Spencer varieties, including the daintiest colors. Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00; $\frac{1}{2}$ lb. \$1.70.

SPENCER SWEET PEAS Named Varieties

We carry in stock many of the finest Spencer types in straight colors. Listed below is an assortment of the choicest varieties.

American Spencer, Ivory White, striped crimson, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Pinkie, clear deep rose pink. The large, well formed flowers are carried in fours on long stems, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Charity, Crimson, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

King White, Gigantic flowers of pure white, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Warrior, Chocolate Maroon, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Hawlmart Lavender, Large true lavender, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Fortune, Rich dark blue, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Fiery Cross, Intense Orange Cerise, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Grand National, Rich Cream, black seeded, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Youth, Large White, pink picotee edge, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Olympia, Deep rich purple, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Heavenly Blue, Delphinium blue, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Picture, Flesh pink with creamy apricot, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

George Sawyer, Giant Salmon rose, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Huntsman—Bright Scarlet, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

Prince of Orange—Deep Orange, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00.

One packet each of above, 16 packets, \$1.15.

Any five packets of above, your selection, 40c.

Any four 1 oz. packets of above, your selection, \$1.00.

WALLFLOWER

A very fragrant sweet scented flower, that is adapted to pot culture as well as outside bedding. Its bright coloring in shades of rich reds and yellows is very effective. They are easily grown and last long as cut flowers.

Double Early Wonder, Mixed, Pkt. 10c; $\frac{1}{8}$ oz. 50c;
Single Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 25c.

WILD CUCUMBER

A fine annual climber; makes a wonderful rapid growth; a splendid vine where an abundance of shade is wanted quickly. Seeds should be planted early.

Pkt. 10c; 1 oz. 25c.

**ZINNIAS**

ELEGANS—Zinnia is prized for its brilliant colors, for the size and perfection of its flowers and for its sturdy growth. Sow seeds in open ground in May. Blooms from July until killed by frost. No flowers known will produce a finer showing than a bed of brilliant colored Zinnias.

All Elegans, finest mixed, Pkt. 10c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.35.

CALIFORNIA GIANT ZINNIAS: The large, double, graceful flowers are from five to six inches across with overlapping petals more loosely placed than the Dahlia flowered type. The plants are vigorous and grow about three feet tall. Excellent for cutting.

GRENADIER, dark red.

MISS WILLMOTT, soft pink.

ORANGE KING, burnt orange.

PURITY, pure white.

ROSE QUEEN, bright rose.

ORANGE QUEEN, golden yellow.

VIOLET QUEEN, deep purple.

Any of the above, Pkt. 10c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.35.

CALIFORNIA GIANT ZINNIAS: Special mixed. Pkt. 10c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.35.

DAHLIA FLOWERED ZINNIAS: These giant showy flowers are often 2 to 3 inches in depth and 5 to 6 inches in diameter, resembling Show Dahlias. The well branched sturdy plants grow 3 feet high.

Gold Medal Mixture, Pkt. 10c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.35.

FANTASY ZINNIAS: The double, well-rounded, medium sized flowers are composed of a mass of shaggy ray-like petals resembling shaggy chrysanthemums. The plant grows 2½ to 3 feet tall.

Fantasy, finest mixed, Pkt. 10c; $\frac{1}{4}$ oz. 40c.

HOWARD'S GIANT CRESTED ZINNIAS, MIXED COLORS: The large flowers of this improved strain of Scabiosa Flowered Zinnias, average four



Anemone or Wind Flower

inches in diameter with a full rounded cushiony center surrounded by broad guard petals. This excellent strain contains almost all known colors to be found in zinnias and is an outstanding cut-flower for the home gardener. Grows 2 to 3 feet high.

Howard's Giant Crested Zinnia, Mixture, Pkt. 15c; $\frac{1}{4}$ oz. 90c.

DWARF ZINNIAS: Pompom Lilliput or Baby Zinnia. The plants are dwarf, bushy and very branching, 12 to 18 inches tall, covered with very pretty double flowers hardly exceeding a daisy flower in size. Excellent for borders, beds or as a cut flower. Blooms all summer.

Special Mixture, Pkt. 10c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.25.

Perennial Flower Seeds**Bloom Second Year From Sowing**

Sow perennials in beds or plots this season and transplant to permanent location during the summer and early fall.

AQUILIGEA or COLUMBINE

Charming, hardy plants, bearing in countless numbers through May and June. Exquisite, clear blue, white, rose, yellow, purple and striped blossoms.

Mrs. Scott Elliott's Long Spurred Hybrids, Mixed, Pkt. 15c; $\frac{1}{8}$ oz. 90c.

ANEMONE or WINDFLOWER

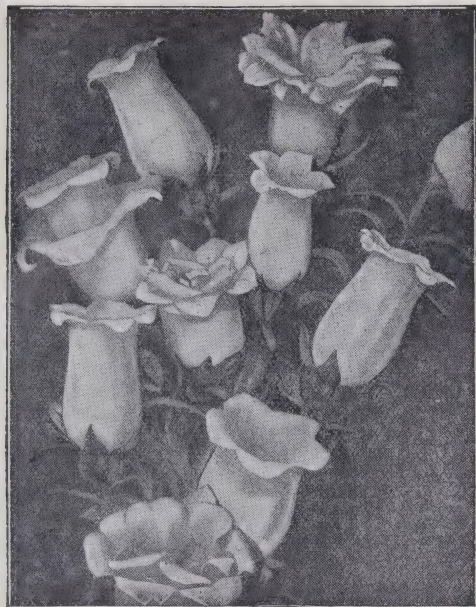
Very pleasing, hardy perennial plants for borders and beds. The fine, large flowers are fine for bouquets. Flowers shaped like a single poppy; all colors.

Finest Mixed, all colors of the choicest sorts, Pkt. 15c; $\frac{1}{8}$ oz. 90c.

CAMPANULA or CANTERBURY BELL

Very ornamental perennials, growing about two feet high; producing large bell shaped flowers on long spikes which make a glorious display when planted in beds.

Cup and Saucer, Mixed, Pkt. 15c; $\frac{1}{8}$ oz. 40c.



Campanula or Canterbury Bell

CHINESE LANTERN "Physalis Franchetti"

The large fruits are of bright red color when ripe and resemble the Chinese lantern. When cut and dried they are used for winter bouquets. They are ready for cutting in the late summer.

Pkt. 15c; $\frac{1}{8}$ oz. 45c.



Columbine

DIANTHUS—SWEET WILLIAM

A splendid plant producing its large heads of beautiful colored, sweet scented flowers in great bundance. The unique colorings and shades of the flowers make a wonderful display.

Special Mixed, Pkt. 15c; $\frac{1}{8}$ oz. 45c.

DELPHINIUM

Grows about five feet tall and produces immense spikes of flowers often two feet in length. The flowers include both double and single types and range in color from pale lavender to indigo blue.

Gold Medal Hybrids, Pkt. 15c; $\frac{1}{8}$ oz. 45c.

DOUBLE or ENGLISH DAISY

Charming plants for edging and dwarf beds; blooming first year from seed. Thrive well in shady places.

Double, extra choice mixed, Pkt. 15c.

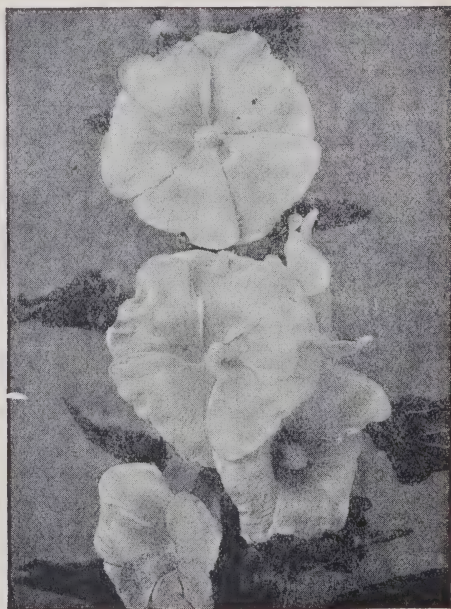


Sweet Williams

SHASTA DAISY

The very large flowers are three to four inches in diameter when at their best. Growing on long stems with two rows of broad, pure white petals and a yellow center.

Alaska, finest strain, Pkt. 10c; $\frac{1}{8}$ oz. 40c.



Hollyhocks

DIGITALIS or FOXGLOVE

An ornamental, hardy plant of stately growth. The flower spikes are often three feet long and covered with bell-shaped flowers in many colors, very striking and beautiful.

Special Mixture, all colors, Pkt. 10c; $\frac{1}{8}$ oz. 60c.

GAILLARDIA or BLANKET FLOWER

Will produce from early spring until late fall a continuous profusion of brilliantly colored flowers of red and yellow shades. Of easy culture.

Grandiflora, choice mixed, Pkt. 10c; $\frac{1}{4}$ oz. 40c.

HOLLYHOCKS

Perennial plants of stately growth, which will flower from seeds the first year. Hollyhocks are easily grown, very showy and attractive.

Double, extra choice Mixed, Pkt. 15c; $\frac{1}{8}$ oz. 50c.

HIBISCUS

A very hardy, showy, shrub like plant with immense, bell-shaped flowers measuring four to five inches in diameter. The large showy blooms well covering the plant are white, pink and red in color.

Mallow Marvels, Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 50c.

KUDZU VINE

Jack and the Bean Stalk: Flourishes where nothing else will grow. The large bold leaves of the brightest green afford a dense shade. Its greatest feature is it's wonderfully strong growth.

Pkt. 10c; $\frac{1}{8}$ oz. 50c.

LUPINUS

The foliage of the Lupinus is very attractive producing large tufts of soft green foliage and the tall stately spikes of blooms are wonderfully effective. Colors range white, blue, pink, yellow and variegated.

Finest Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 50c.

LATHYRUS LATIFOLIUS

Perennial Pea: A desirable climbing vine of the Pea family for growing on fences, trellises, etc. The showy clusters of fine, Sweet Pea like flowers will bloom all summer if the seed pods are removed. Excellent for cutting.

Finest Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 40c.

PENTSTEMON (BEARDED TONGUE)

Showy perennial plants, growing from two feet to four feet high; are rather bushy and have very long slender spikes which bear many trumpet-shaped flowers with hairy throats from whence the name Bearded Tongue comes.

Choice Mixed, Pkt. 15c; $\frac{1}{8}$ oz. 90c.

PYRETHRUM—PAINTED DAISY

An unusually fine perennial of the daisy family. The daisy like flowers are very attractive and showy in the garden and with their long stems and good lasting qualities make a splendid cut flower.

Finest Double and Single Mixed, Pkt. 25c; $\frac{1}{16}$ oz. 75c.

PERENNIAL PHLOX

Phlox Decussata: This beautiful and showy perennial comes in a countless number of brilliant colors and few flowers compare with it in brilliance. Very hardy. Seed slow and irregular in germinating.

Finest Mixed, Pkt. 20c; $\frac{1}{16}$ oz. 50c.

ORIENTAL POPPY

The tall stems about three feet high, bear giant flowers of brilliant scarlet six or eight inches across. The plants thrive well in either sun or partial shade.

Pkt. 15c; $\frac{1}{16}$ oz. 40c.

NUDICAULE (ICELAND POPPY)

The flowers are borne on stems which rise to a

foot above a tuft of fern leaves. The bright colored flowers are shades of orange, salmon, maize and other tints. Will bloom the first season from seed if sown early in the spring.

Special Mixture, Pkt. 15c; $\frac{1}{8}$ oz. 50c.

STATICE (SEA LAVENDER)

The stemless leaves spring direct from the root stock and the flower stems are more or less twiggy, bearing their small flowers in much-branched panicles. The flowers are useful for drying for winter use.

Latifolia—Tall, dense, branching plumes of deep blue flowers.

Pkt. 10c; $\frac{1}{8}$ oz. 40c.

SPECIAL FLOWER SEED COLLECTIONS**COLLECTION NO. 1****FOR THE ANNUAL FLOWER GARDEN**

15 Packets for \$1.10

1 Pkt. Snapdragon, finest mixed	15c
1 Pkt. Sweet Alyssum, Little Gem	10c
1 Pkt. Ageratum, Tall or Dwarf Mixed	10c
1 Pkt. Asters, Special Mixed	15c
1 Pkt. Centaurea, finest mixed	10c
1 Pkt. Cosmos, best early single mixed	10c
1 Pkt. Larkspur, best annual mixed	10c
1 Pkt. Helianthus, best double mixed	10c
1 Pkt. Marigold, tall African mixed	10c
1 Pkt. Kochia, Burning Bush	10c
1 Pkt. Poppy, Double Shirley mixed	10c
1 Pkt. Petunia, hybrida, finest mixed	10c
1 Pkt. Sweet Sultan, Imperialis mixed	10c
1 Pkt. Verbena, finest mixed	15c
1 Pkt. Zinnia, all Elegans mixed	10c

COLLECTION NO. 2**FOR THE PERENNIAL FLOWER GARDEN**

10 Packets for 90c

1 Pkt. Aquilegia or Columbine	15c
1 Pkt. Campanula—Canterbury Bell	15c
1 Pkt. Sweet William, mixed	15c
1 Pkt. Larkspur, Gold Medal Hybrids	15c
1 Pkt. Gaillardia, mixed	10c
1 Pkt. Shasta Daisy	10c
1 Pkt. Hollyhocks, double mixed	15c
1 Pkt. Digitalis—Foxglove, mixed	10c
1 Pkt. Hibiscus, mixed	10c
1 Pkt. Oriental Poppy	15c

BIRD SEED

Our Bird Seeds are all of good re-cleaned seeds. Best Mixed—A mixture composed of canary, rape, large and small millets, hempseed and oats. 1 lb. 35c; 5 lbs. \$1.40. Postage paid.

Canary and Rape mixed, 1 lb. 45c; 5 lbs. \$1.95. Postage paid.

LOVE BIRD MIXTURE: Composed of canary, large millet, oats and flax.

Price: 1 lb. 35c; 5 lbs. \$1.40; Postage paid.

All bird seed prices subject to change.

You will be doing us a great favor by mailing your orders early, as we receive a great number of orders each day during the planting season. You may be assured of our prompt and careful attention in filling your order.

Don't let insects eat your plants . . . Order Hammond's Slug Shot with your seed orders for protection.

Surge Milker Parts

POSTAGE PAID

SB 1-A Teat Cup Inflation, Standard size.....	Each \$.70	2 for \$1.38	4 for \$2.70	8 for \$5.35
S-1 Teat Cup Inflation (for early style plants).....	Each \$.65	2 for \$1.28	4 for \$2.50	8 for \$4.95
Air Tube for Pulsator, 8 inch	2 for \$.35	4 for \$.65		
Pail Lid Gasgets	Each \$.50	2 for \$.95		
Stanchion Hose, 7 feet	Each \$2.05	2 for \$4.05		
Stanchion Hose Connections	Each \$.19	2 for \$.36	4 for \$.70	
Crank Handle Teat Cup Brush	Each \$.85			
Surge Pail Brush	Each \$.85			
Pulsator Oil—Pint	Each \$.45			
Surcingle, complete with spring	Each \$2.86			
Surcingle Strap	Each \$1.48			
Surcingle Spring	Each \$1.48			
Stall Cocks	Each \$.90			
V. P. Brass Valves for A-1-Electric Pump	Each \$.41			
B. 9 Leather Washers for Pulsator	4 for \$.50	8 for \$.98		
B. 8A Thin Brass Washer for Pulsator	4 for \$.22	8 for \$.42		
B. 11 Adjusting Screw for Pulsator	Each \$.37			
B. 12 Lock Nut for Adjusting Screw	Each \$.11			
B. 18 Gasket for side of Pulsator	4 for \$.22			

All Surge parts subject to factory price changes. Remittances must accompany all orders or there will be added C. O. D. charge to cover collection expense.

INDEX

Alfalfa	1
Asparagus Seed	6
Asparagus Roots	6
Alyssum	20
Antirrhinum	20
Ageratum	20
Asters	20-21
Aquilegia	27
Anemone	27
Arctotis	20
Barley	3
Beans	6-7
Beets	7
Borecole or Kale	7
Broccoli	7
Brussels Sprouts	8
Balsam	21
Bird Seed	29

Clover	1-2
Clover Mixtures	2
Cane Seed	4
Cabbage	8
Cauliflower	9
Carrots	8-9
Celery	9
Collards	11
Corn, Field	3-4
Corn, Sweet	9-10
Corn, Pop	10
Cucumbers	10-11
Chicory	11
Cress	11
Cow Remedies	5
Candytuft	21
Calendula	21
Clarkia	21
Carnation	21
Cypress Vine	21
Cardinal Climber	22
Cenaturea	21
Calliopsis	22
Chinese Lantern	22
Cosmos	22
Coxcomb	22
Cobaea	22
Canterbury Bell	27

Daisies	28
Delphinium	28
Digitalis	28
Dahlia	22
Dianthus—Garden Pinks	22
Dianthus—Sweet Williams	28
Dogzoff	5

Egg Plant	11
Endive	11
Field Peas	3
Flax	4
Forget-Me-Not	24
Four O'Clocks	23
Flower Seed Collections	29

Grass Seeds	2
Grass Mixtures	2-3
Garlic	11
Garden Herbs	11
Garden Huckleberry	18
Geranium	23
Gypsophilla	23
Godetia	23
Gourds	23
Gaillardia	29
Garden Hoe	5

Helianthus	23
Heliotrope	23
Hibiscus	23
Hollyhocks	29
Horse Radish Roots	11
Hotkaps	19

Insecticides	5
Kaffir Corn	4
Kohl Rabi	11
Kochia	23
Kudzu Vine	29

Lawn Mixtures	3
Lettuce	11-12
Larkspur	23
Linum	23
Lobelia	23
Lupinus	29

Millets	4
Mustards	13
Muskmelon	12-13
Moon Flower	23
Marigolds	23-24
Mignonette	24
Morning Glory	24

Nitragin Innoculation	5
Nasturtium	24
Nicotiana	24
Nigella	24

Oats	3
Okra	13
Onion Seed	13-14
Onion Sets	14

Peas	14-15
Parsley	15
Parsnips	15
Peppers	15
Perennial Pea (Sweet Pea)	29
Pumpkins	16
Pinks, Annual	22
Petunias	24
Pansies	25
Phlox	25-29
Poppies, Annual	25
Poppies, California	21
Poppies, Flanders	25
Poppies, Oriental	29
Poppies, Iceland	29
Portulaca	25
Pentstemon	29
Pyrethrum	29

Rape	4
Rye	3
Rhubarb	16
Radishes	16
Rutabaga	19
Ricinus	25

Sudan Grass	4
Sunflower	4
Salsify	16
Spinach	17
Squash	16-17
Scabiosa	25
Scarlet Runner Bean	25
Straw Flower	25
Schizanthus	25
Sweet Sultan	25
Salvia	25
Sea Lavender	29
Stocks	26
Salpiglossis	26
Sweet Peas	26
Seed Disinfectants	4
Surge Milker Parts	30

Timothy Mixture	2
Tomatoes	18
Turnips	19

Vetch	4
Verbena	26
Venidium	26
Viola	26
Wallflower	27
Wheat	3
Watermelon	13
Wild Cucumber	27
Zinnia	27

ORDER BLANK

NOTICE

Due to war conditions paper may not be available next season for catalogs. We suggest that you preserve your 1945 catalog for another season. Varieties will be the same, prices may change some and we may be able to secure paper to issue a supplement price list to go with the last catalog without hindering the war effort. But regardless we will have our share of seed and will fill your orders at the best possible prices with the same High Quality Seeds.

Thank you,
DINGEL & SMITH SEED CO.

DINGEL & SMITH SEED CO.
Twin Falls, Idaho

Date.....

Dear Sirs: Please send me the articles named below subject to conditions named in your catalog:

Name

P. O. _____, **State.** _____

Freight or Express Office if different from P. O.....

Amount enclosed \$..... (P. O. Order) (Express M. O.) (Draft) (Cash). Check the method you use. Forward (Mail) (Express) (Freight) (Truck). Please do not send stamps on orders of 50c or over.

Before mailing your order read Parcel Post Instruction on inside cover of this catalog.

[illegible]

DO NOT RISK MONEY OR STAMPS IN ORDINARY MAIL—BUY A MONEY ORDER

Form 6001

POST OFFICE DEPARTMENT
THIRD ASSISTANT POSTMASTER GENERAL
DIVISION OF MONEY ORDERS

No. _____

Stamp of Issuing Office

FEE _____

The Postmaster
will insert

here _____
the office drawn on, when the office
named by the remitter does not trans-
act money-order business.

Spaces above this line are for the Postmaster's record, to be filled in by him

Application for Domestic Money Order

Spaces below to be filled in by purchaser, or, if necessary,
by another person for him

Amount—

USE FIGURES,
DO NOT SPELL _____ Dollars _____ Cents

To be }
paid to } _____
(Name of person or firm for whom order is intended)

Whose }
address } _____
is } _____ Street
City }
and }
State } _____

Sent by _____
(Name of sender)

_____ Street
City }
and }
State } _____

PURCHASER MUST SEND ORDER AND COUPON TO PAYEE

(FOR FEES SEE OTHER SIDE)

c16—8391-1

FOR SPEED—Send your money order AIR MAIL special delivery

Fees for Money Orders Drawn on Domestic Form

Payable in the United States, including Hawaii, Puerto Rico, and the United States Virgin Islands, or in Guam and Tutuila (Samoa) ; also for orders payable in Antigua, Bahamas, Barbados, Bermuda, British Guiana, British Honduras, British Virgin Islands, Canada, Canal Zone, Cuba, Dominica, Grenada, Jamaica, Montserrat, Nevis, Newfoundland, Philippine Islands, St. Kitts, St. Lucia, St. Vincent, and Trinidad and Tobago.

For Orders	From \$0.01 to \$2.50.....	6 cents.
	From \$2.51 to \$5.00.....	8 cents.
	From \$5.01 to \$10.00.....	11 cents.
	From \$10.01 to \$20.00.....	13 cents.
	From \$20.01 to \$40.00.....	15 cents.
	From \$40.01 to \$60.00.....	18 cents.
	From \$60.01 to \$80.00.....	20 cents.
	From \$80.01 to \$100.00.....	22 cents.

Memoranda of Issuing Postmaster:

If order is purchased through Rural Carrier, he will fill spaces below:

Carrier's receipt No. -----

-----, Carrier.

NOTE.—The maximum amount for which a single Money Order may be issued is \$100. When a larger sum is to be sent additional Orders must be obtained. Any number of Orders may be drawn on any Money Order office on any one day.

Applications must be preserved at the office of issue for three years from date of issue.

From

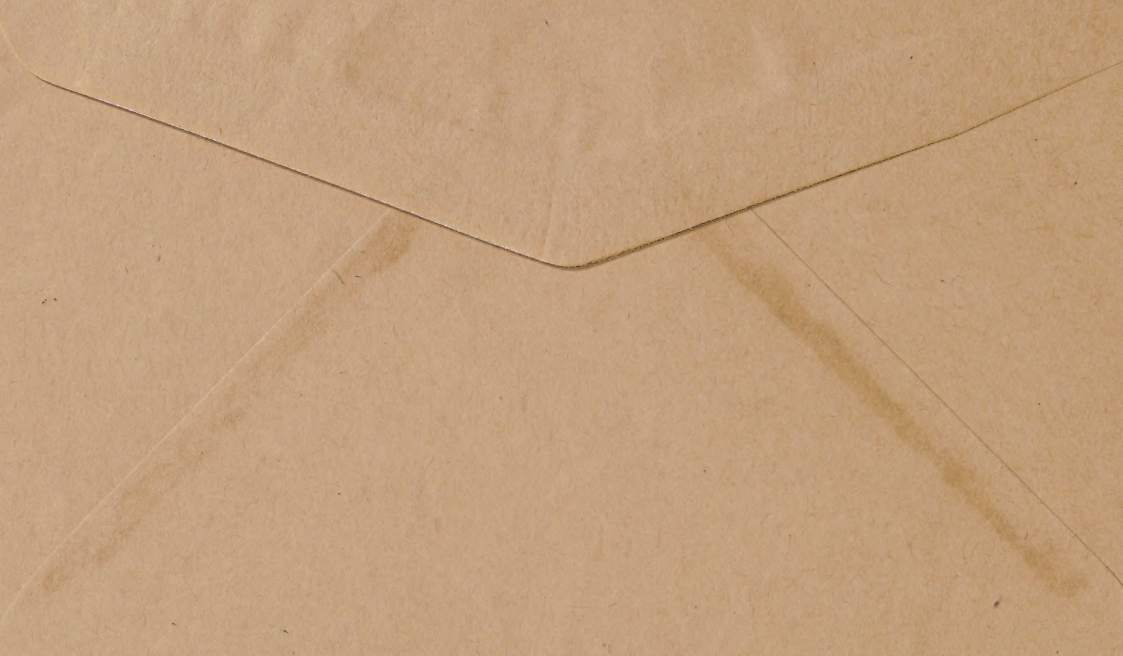
Place
Postage
Stamp
Here

Dingel & Smith Seed Company

Twin Falls,

Box 1080

Idaho



FIELD SEED TABLE

Alfalfa.....	10- 20 lbs. Spring or Fall
Red Clover.....	10- 15 lbs. Spring or Fall
Alsike Clover.....	7 lbs. Spring or Fall
White Clover.....	6 lbs. Spring or Fall
Red Top, hulled seed.....	15 lbs. Spring or Fall
Orchard Grass, for pasture.....	20 lbs. Spring or Fall
Kentucky Blue Grass, for pasture.....	20 lbs. Spring or Fall
Kentucky Blue Grass, for lawn.....	1 lb. to 300 square ft. Spring or Fall
Timothy.....	12 lbs. Spring or Fall
Millet, Golden, for hay or seed.....	30 lbs. May 1st to July 10th
Millet, Broom Corn.....	50 lbs. May 1st to July 10th
Wheat.....	100-120 lbs. Early Spring
Oats.....	100 lbs. Early Spring
Mixed Grasses, for pasture.....	20- 25 lbs. Spring or Fall
Barley.....	100 lbs. Early Spring to June
Rye.....	100 lbs. Early Spring to Fall
Corn.....	8- 10 lbs. May 10th to June 1st
Cane, in rows for sorghum.....	8 lbs. May 10 to June 1st
Cane, broadcast for fodder.....	100-150 lbs. May 10th to June 1st
Beans, field.....	60 lbs. May 20th to June 10th
Field Peas.....	120 lbs. Earlier the better
Flax.....	40- 50 lbs. April 1st to May 15th

For postal instruction see inside of front cover.

TABLE SHOWING WEIGHT OF FIELD SEEDS

Barley	per bushel	48 lbs.
Beans	per bushel	60 lbs.
Buckwheat	per bushel	48 lbs.
Broom Corn	per bushel	46 lbs.
Blue Grass	per bushel	21 lbs.
Clover Seed	per bushel	60 lbs.
Corn, Field, shelled	per bushel	56 lbs.
Corn, on the ear	per bushel	70 lbs.
Millet, Golden	per bushel	50 lbs.
Oats, "Idaho"	per bushel	40 lbs.
Onion Sets	per bushel	32 lbs.
Orchard Grass	per bushel	14 lbs.
Perennial Rye Grass	per bushel	24 lbs.
Peas, smooth	per bushel	60 lbs.
Peas, wrinkled	per bushel	56 lbs.
Rape, Dwarf, Essex	per bushel	50 lbs.
Red Top Grass, recleaned	per bushel	56 lbs.
Rye	per bushel	32 lbs.
Sorghum or Cane	per bushel	50 lbs.
Timothy Seed	per bushel	45 lbs.
Vetches	per bushel	60 lbs.
Wheat	per bushel	60 lbs.

TABLE OF AMOUNT OF SEED AND TIME TO SHOW

	100-ft. Row	One Acre	
Asparagus	2 oz.	4 lbs.	Early Spring
Bush Beans	1 lb.	60 lbs.	May 15th to July 1st
Pole Beans	1 lb.	60 lbs.	May 15th to July 1st
Beet, Table	2 oz.	10 lbs.	April 1st to July 1st
Beet, Mangel	2 oz.	12 lbs.	April 1st to June 1st
Brussels Sprouts	$\frac{1}{3}$ oz.	6 oz.	Early Spring
Cabbage	$\frac{1}{3}$ oz.	1 lb.	Early Spring
Carrot	1 oz.	3 lbs.	April 1st to July 1st
Cauliflower	$\frac{1}{3}$ oz.	1 lb.	Early Spring
Celery	$\frac{1}{8}$ oz.	2 oz.	Early Spring
Corn, Sweet	$\frac{1}{4}$ lb.	10 lbs.	May 1st to June 10th
Cress	$\frac{1}{2}$ oz.		Early Spring
Cucumber	$\frac{1}{2}$ oz.	2 lbs.	May 10th to June 10th
Egg Plant	$\frac{1}{8}$ oz.		Early Spring
Endive	1 oz.		Early Spring to August
Kale	$\frac{1}{8}$ oz.		Early Spring
Kohl Rabi	$\frac{1}{8}$ oz.		Early Spring
Lettuce	1 oz.	3 lbs.	Early Spring to August
Musk Melon	$\frac{1}{2}$ oz.	3 lbs.	May 10th to June 1st
Water Melon	1 oz.	4 lbs.	May 10th to June 1st
Okra	2 oz.		May 1st
Onion	1 oz.	3 lbs.	March 1st to May 1st
Parsley	$\frac{1}{2}$ oz.		Early Spring
Parsnip	$\frac{1}{2}$ oz.	5 lbs.	Early Spring
Peas	2 lb.	120 lbs.	April 1st to August 1st (do better early)
Pepper	$\frac{1}{8}$ oz.		Early Spring
Pumpkin	1 oz.	4 lbs.	May 10th to June 1st
Radish	2 oz.	10 lbs.	Early Spring
Salsify	1 oz.		Early Spring
Spinach	1 oz.	10 lbs.	Early Spring or Fall
Squash	1 oz.	4 lbs.	May 10th to June 1st
Tomato	$\frac{1}{8}$ oz.	4 oz.	Early Spring
Turnip	$\frac{1}{2}$ oz.	2 lbs.	April 1st to August 15th

The Best of Seeds The Best of Service



DINGEL & SMITH
SEED COMPANY

Twin Falls, Idaho